

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075366.D
 Acq On : 22 Nov 2022 14:32
 Operator : JC\MD
 Sample : VN1122WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/23/2022
 Supervised By : Mahesh Dadoda 11/25/2022

Quant Time: Nov 23 07:08:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	149627	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	244879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	220645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	42425	52.822	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.640%			
35) Dibromofluoromethane	8.171	113	53508	55.624	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.240%			
50) Toluene-d8	10.571	98	120027	55.398	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.800%			
62) 4-Bromofluorobenzene	12.853	95	89396	55.901	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.800%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	21921	19.159	ug/l	92
3) Chloromethane	2.371	50	26351	18.509	ug/l	96
4) Vinyl Chloride	2.524	62	33451	18.644	ug/l	99
5) Bromomethane	2.930	94	31629	20.047	ug/l	96
6) Chloroethane	3.106	64	26350	19.382	ug/l	90
7) Trichlorofluoromethane	3.501	101	48678	18.991	ug/l	96
8) Diethyl Ether	3.977	74	18804	20.931	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.377	101	27689	19.568	ug/l	94
10) Methyl Iodide	4.600	142	43790	19.098	ug/l	97
11) Tert butyl alcohol	5.536	59	34228	101.517	ug/l	96
12) 1,1-Dichloroethene	4.348	96	26366	19.028	ug/l	89
13) Acrolein	4.195	56	28475	96.944	ug/l	94
14) Allyl chloride	5.036	41	35772	19.959	ug/l	93
15) Acrylonitrile	5.730	53	79050	102.192	ug/l	98
16) Acetone	4.436	43	61373	81.922	ug/l	98
17) Carbon Disulfide	4.718	76	63097	17.522	ug/l	97
18) Methyl Acetate	5.036	43	41182	21.055	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	96595	19.679	ug/l	98
20) Methylene Chloride	5.283	84	32265	20.483	ug/l	# 82
21) trans-1,2-Dichloroethene	5.795	96	28542	18.075	ug/l	97
22) Diisopropyl ether	6.677	45	82050	20.061	ug/l	# 95
23) Vinyl Acetate	6.612	43	281747	86.587	ug/l	98
24) 1,1-Dichloroethane	6.583	63	51357	19.562	ug/l	98
25) 2-Butanone	7.494	43	99380	95.016	ug/l	96
26) 2,2-Dichloropropane	7.494	77	43395	17.785	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	35972	20.146	ug/l	93
28) Bromochloromethane	7.824	49	22771	21.368	ug/l	89
29) Tetrahydrofuran	7.847	42	65355	102.726	ug/l	98
30) Chloroform	7.971	83	55818	18.514	ug/l	92
31) Cyclohexane	8.265	56	45717	17.916	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	53144	19.414	ug/l	98
36) 1,1-Dichloropropene	8.377	75	40030	19.082	ug/l	96
37) Ethyl Acetate	7.565	43	40962	21.685	ug/l	99
38) Carbon Tetrachloride	8.365	117	45911	19.922	ug/l	98
39) Methylcyclohexane	9.606	83	50677	19.302	ug/l	94
40) Benzene	8.606	78	128052	19.937	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075366.D
 Acq On : 22 Nov 2022 14:32
 Operator : JC\MD
 Sample : VN1122WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/25/2022

Quant Time: Nov 23 07:08:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	20962	21.706	ug/l	97
42) 1,2-Dichloroethane	8.677	62	42748	19.873	ug/l	94
43) Isopropyl Acetate	8.694	43	62485	20.609	ug/l	97
44) Trichloroethene	9.353	130	34575	19.673	ug/l	96
45) 1,2-Dichloropropane	9.624	63	29909	19.540	ug/l	92
46) Dibromomethane	9.712	93	23496	20.295	ug/l	94
47) Bromodichloromethane	9.888	83	43591	19.443	ug/l	97
48) Methyl methacrylate	9.682	41	29239	20.856	ug/l	96
49) 1,4-Dioxane	9.700	88	17090	429.292	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	202177	104.693	ug/l	97
52) Toluene	10.635	92	85149	20.572	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	45893	20.390	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	48771	19.951	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	34148	20.257	ug/l	94
56) Ethyl methacrylate	10.877	69	48375	21.249	ug/l	94
57) 1,3-Dichloropropane	11.165	76	54342	19.770	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	94207	114.737	ug/l	95
59) 2-Hexanone	11.194	43	151405	104.410	ug/l	96
60) Dibromochloromethane	11.359	129	35773	20.674	ug/l	98
61) 1,2-Dibromoethane	11.471	107	35210	20.123	ug/l	97
64) Tetrachloroethene	11.106	164	33538	19.904	ug/l	87
65) Chlorobenzene	11.888	112	89468	19.634	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	33760	19.851	ug/l	98
67) Ethyl Benzene	11.965	91	160316	20.622	ug/l	100
68) m/p-Xylenes	12.071	106	128263	40.629	ug/l	99
69) o-Xylene	12.400	106	63683	20.303	ug/l	96
70) Styrene	12.412	104	99803	20.170	ug/l	99
71) Bromoform	12.576	173	24994	19.310	ug/l #	99
73) Isopropylbenzene	12.694	105	161009	19.688	ug/l	98
74) N-amyl acetate	12.494	43	51619	20.531	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	50490	20.250	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	38035m	17.971	ug/l	
77) Bromobenzene	12.982	156	38626	19.132	ug/l	88
78) n-propylbenzene	13.035	91	179320	19.648	ug/l	97
79) 2-Chlorotoluene	13.129	91	110065	20.015	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	139509	20.533	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	14276	19.958	ug/l	98
82) 4-Chlorotoluene	13.129	91	110065	20.015	ug/l	96
83) tert-Butylbenzene	13.441	119	122204	19.727	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	138447	20.314	ug/l	98
85) sec-Butylbenzene	13.618	105	171200	20.368	ug/l	100
86) p-Isopropyltoluene	13.729	119	143610	20.307	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	74424	19.456	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	75665	19.472	ug/l	99
89) n-Butylbenzene	14.059	91	116281	19.468	ug/l	99
90) Hexachloroethane	14.335	117	22902	18.772	ug/l	83
91) 1,2-Dichlorobenzene	14.106	146	77665	20.829	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10062	21.304	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	37608	19.681	ug/l	98
94) Hexachlorobutadiene	15.500	225	19982	20.076	ug/l	98
95) Naphthalene	15.641	128	123137	20.484	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	36494	19.432	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
Data File : VN075366.D
Acq On : 22 Nov 2022 14:32
Operator : JC\MD
Sample : VN1122WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

Quant Time: Nov 23 07:08:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075366.D
 Acq On : 22 Nov 2022 14:32
 Operator : JC\MD
 Sample : VN1122WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBSD01

Manual Integrations APPROVED

Reviewed By : John Carlone 11/23/2022
 Supervised By : Mahesh Dadoda 11/25/2022

Quant Time: Nov 23 07:08:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

