

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075682.D
 Acq On : 10 Dec 2022 01:31
 Operator : JC\MD
 Sample : VN1209WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS02

Quant Time: Dec 12 04:22:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/12/2022
 Supervised By : Mahesh Dadoda 12/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	217194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	348074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	318501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	162992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	123887	53.759	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.520%			
35) Dibromofluoromethane	8.171	113	112832	53.131	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.260%			
50) Toluene-d8	10.571	98	436957	54.789	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.580%			
62) 4-Bromofluorobenzene	12.853	95	149172	54.706	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	29962	18.756	ug/l	98
3) Chloromethane	2.377	50	36512	19.184	ug/l	94
4) Vinyl Chloride	2.524	62	44725	19.131	ug/l	98
5) Bromomethane	2.971	94	37411	18.789	ug/l	92
6) Chloroethane	3.136	64	32413	18.582	ug/l	98
7) Trichlorofluoromethane	3.512	101	66465	19.595	ug/l	96
8) Diethyl Ether	3.977	74	24499	19.756	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	37894	19.036	ug/l	98
10) Methyl Iodide	4.606	142	61019	18.758	ug/l	98
11) Tert butyl alcohol	5.524	59	31611	92.722	ug/l	99
12) 1,1-Dichloroethene	4.359	96	37774	20.301	ug/l	92
13) Acrolein	4.195	56	38224	97.350	ug/l	99
14) Allyl chloride	5.036	41	46350	20.004	ug/l	91
15) Acrylonitrile	5.730	53	85881	97.525	ug/l	98
16) Acetone	4.442	43	68639	87.951	ug/l	98
17) Carbon Disulfide	4.730	76	95002	19.296	ug/l	96
18) Methyl Acetate	5.042	43	45955	18.325	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	122626	19.592	ug/l	94
20) Methylene Chloride	5.283	84	43251	18.590	ug/l	97
21) trans-1,2-Dichloroethene	5.801	96	40867	19.654	ug/l	93
22) Diisopropyl ether	6.683	45	108114	20.507	ug/l	98
23) Vinyl Acetate	6.618	43	401035m	99.758	ug/l	
24) 1,1-Dichloroethane	6.577	63	69334	19.979	ug/l	99
25) 2-Butanone	7.495	43	110887	97.195	ug/l	90
26) 2,2-Dichloropropane	7.500	77	52427	17.714	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	47846	18.954	ug/l	96
28) Bromochloromethane	7.818	49	27622	19.907	ug/l	98
29) Tetrahydrofuran	7.842	42	73421	104.410	ug/l	99
30) Chloroform	7.977	83	77322	20.116	ug/l	96
31) Cyclohexane	8.265	56	65402	19.168	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	71486	20.158	ug/l	93
36) 1,1-Dichloropropene	8.377	75	56327	19.975	ug/l	99
37) Ethyl Acetate	7.565	43	46918	20.723	ug/l	99
38) Carbon Tetrachloride	8.371	117	63852	19.623	ug/l	98
39) Methylcyclohexane	9.606	83	72657	20.320	ug/l	98
40) Benzene	8.612	78	174513	20.166	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075682.D
 Acq On : 10 Dec 2022 01:31
 Operator : JC\MD
 Sample : VN1209WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS02

Quant Time: Dec 12 04:22:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/12/2022
 Supervised By : Mahesh Dadoda 12/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	22738	19.586	ug/l	98
42) 1,2-Dichloroethane	8.677	62	57148	19.741	ug/l	99
43) Isopropyl Acetate	8.694	43	74003	19.579	ug/l	99
44) Trichloroethene	9.359	130	48893	20.027	ug/l	89
45) 1,2-Dichloropropane	9.624	63	40823	19.834	ug/l	97
46) Dibromomethane	9.712	93	31051	20.094	ug/l	99
47) Bromodichloromethane	9.894	83	61748	20.380	ug/l	96
48) Methyl methacrylate	9.683	41	35194	20.217	ug/l	98
49) 1,4-Dioxane	9.700	88	15737	371.890	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	235727	101.142	ug/l	99
52) Toluene	10.635	92	117845	20.602	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	60414	20.190	ug/l	93
54) cis-1,3-Dichloropropene	10.318	75	63549	19.089	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	43658	19.412	ug/l	94
56) Ethyl methacrylate	10.877	69	61703	20.248	ug/l	99
57) 1,3-Dichloropropane	11.165	76	72425	19.924	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	85531	95.058	ug/l	99
59) 2-Hexanone	11.194	43	170288	100.568	ug/l	99
60) Dibromochloromethane	11.359	129	49617	20.049	ug/l	100
61) 1,2-Dibromoethane	11.471	107	45624	19.363	ug/l	97
64) Tetrachloroethene	11.106	164	43326	18.675	ug/l	96
65) Chlorobenzene	11.894	112	126921	19.368	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	46342	19.437	ug/l	100
67) Ethyl Benzene	11.965	91	220800	19.917	ug/l	98
68) m/p-Xylenes	12.077	106	180108	40.208	ug/l	97
69) o-Xylene	12.400	106	87528	20.136	ug/l	99
70) Styrene	12.412	104	144888	20.782	ug/l	98
71) Bromoform	12.582	173	35143	19.446	ug/l #	97
73) Isopropylbenzene	12.700	105	227481	19.438	ug/l	98
74) N-amyl acetate	12.494	43	65531	19.272	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	64406	18.320	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	55555m	16.972	ug/l	
77) Bromobenzene	12.982	156	55653	18.910	ug/l	98
78) n-propylbenzene	13.041	91	256468	19.749	ug/l	100
79) 2-Chlorotoluene	13.129	91	151084	18.844	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	190999	19.521	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	16146	17.894	ug/l	98
82) 4-Chlorotoluene	13.129	91	151084	18.844	ug/l	99
83) tert-Butylbenzene	13.441	119	171448	19.323	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	191187	19.442	ug/l	99
85) sec-Butylbenzene	13.618	105	241369	19.787	ug/l	99
86) p-Isopropyltoluene	13.735	119	205101	20.095	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	105720	19.208	ug/l	100
88) 1,4-Dichlorobenzene	13.818	146	105093	18.771	ug/l	99
89) n-Butylbenzene	14.059	91	164323	20.087	ug/l	99
90) Hexachloroethane	14.335	117	34284	19.611	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	101653	18.560	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10712	18.543	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	51771	19.689	ug/l	100
94) Hexachlorobutadiene	15.500	225	28869	19.350	ug/l	99
95) Naphthalene	15.647	128	146359	18.833	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	49434	19.133	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
Data File : VN075682.D
Acq On : 10 Dec 2022 01:31
Operator : JC\MD
Sample : VN1209WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

Quant Time: Dec 12 04:22:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 12 03:01:58 2022
Response via : Initial Calibration

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

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

