

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110822\
 Data File : VN075205.D
 Acq On : 08 Nov 2022 12:41
 Operator : JC\MD
 Sample : VN1108WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2022
 Supervised By : Mahesh Dadoda 11/09/2022

Quant Time: Nov 09 01:31:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	101155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	186704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	170153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	70567	51.775	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.560%			
35) Dibromofluoromethane	8.171	113	59432	54.224	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.440%			
50) Toluene-d8	10.570	98	214405	50.420	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.840%			
62) 4-Bromofluorobenzene	12.847	95	76361	51.119	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	21841	16.598	ug/l	100
3) Chloromethane	2.371	50	22330	15.976	ug/l	94
4) Vinyl Chloride	2.518	62	30670	15.381	ug/l	97
5) Bromomethane	2.918	94	29966	17.871	ug/l	93
6) Chloroethane	3.100	64	24168	16.903	ug/l	99
7) Trichlorofluoromethane	3.494	101	38759	19.028	ug/l	94
8) Diethyl Ether	3.965	74	15201	20.460	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	21910	19.477	ug/l	98
10) Methyl Iodide	4.594	142	30292	18.088	ug/l	99
11) Tert butyl alcohol	5.541	59	26590	83.657	ug/l #	85
12) 1,1-Dichloroethene	4.341	96	19438	18.128	ug/l	95
13) Acrolein	4.183	56	15207	58.493	ug/l	98
14) Allyl chloride	5.030	41	27653	17.658	ug/l	98
15) Acrylonitrile	5.730	53	64299	95.765	ug/l	99
16) Acetone	4.441	43	53632	92.933	ug/l	97
17) Carbon Disulfide	4.712	76	41464	15.377	ug/l	98
18) Methyl Acetate	5.035	43	39027	20.703	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	75642	18.980	ug/l	99
20) Methylene Chloride	5.288	84	24788	19.264	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	20969	17.861	ug/l	98
22) Diisopropyl ether	6.682	45	66736	19.310	ug/l #	97
23) Vinyl Acetate	6.612	43	257176m	89.113	ug/l	
24) 1,1-Dichloroethane	6.577	63	40988	18.752	ug/l	95
25) 2-Butanone	7.494	43	83525	92.016	ug/l	97
26) 2,2-Dichloropropane	7.494	77	36571	18.187	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	27697	19.755	ug/l	96
28) Bromochloromethane	7.824	49	17463	18.953	ug/l	97
29) Tetrahydrofuran	7.847	42	54235	92.462	ug/l	100
30) Chloroform	7.971	83	46864	19.747	ug/l	98
31) Cyclohexane	8.265	56	34299	16.920	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	40688	18.880	ug/l	93
36) 1,1-Dichloropropene	8.371	75	30719	18.103	ug/l	98
37) Ethyl Acetate	7.571	43	33625	18.069	ug/l	100
38) Carbon Tetrachloride	8.365	117	35238	18.878	ug/l	98
39) Methylcyclohexane	9.606	83	38652	17.254	ug/l	94
40) Benzene	8.612	78	100124	19.271	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110822\
 Data File : VN075205.D
 Acq On : 08 Nov 2022 12:41
 Operator : JC\MD
 Sample : VN1108WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2022
 Supervised By : Mahesh Dadoda 11/09/2022

Quant Time: Nov 09 01:31:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	17128	19.211	ug/l	98
42) 1,2-Dichloroethane	8.676	62	36294	19.201	ug/l	99
43) Isopropyl Acetate	8.694	43	52886	18.322	ug/l	99
44) Trichloroethene	9.353	130	26095	20.019	ug/l	93
45) 1,2-Dichloropropane	9.623	63	25556	20.669	ug/l	91
46) Dibromomethane	9.706	93	18892	19.612	ug/l	100
47) Bromodichloromethane	9.894	83	36699	19.673	ug/l	94
48) Methyl methacrylate	9.682	41	23880	18.035	ug/l	99
49) 1,4-Dioxane	9.700	88	13335	384.592	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	171333	91.981	ug/l	98
52) Toluene	10.629	92	65309	18.804	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	37112	18.848	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	40297	19.296	ug/l	95
55) 1,1,2-Trichloroethane	11.017	97	27729	20.136	ug/l	93
56) Ethyl methacrylate	10.876	69	38701	18.424	ug/l	99
57) 1,3-Dichloropropane	11.165	76	47500	20.712	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	78388	96.526	ug/l	99
59) 2-Hexanone	11.200	43	127078	89.889	ug/l	98
60) Dibromochloromethane	11.365	129	28305	19.482	ug/l	99
61) 1,2-Dibromoethane	11.470	107	27246	19.306	ug/l	98
64) Tetrachloroethene	11.106	164	23162	22.203	ug/l	94
65) Chlorobenzene	11.894	112	72079	19.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	27329	20.284	ug/l	95
67) Ethyl Benzene	11.964	91	122758	18.786	ug/l	100
68) m/p-Xylenes	12.070	106	99830	38.075	ug/l	99
69) o-Xylene	12.400	106	49658	19.151	ug/l	96
70) Styrene	12.412	104	80577	19.489	ug/l	98
71) Bromoform	12.582	173	18106	17.949	ug/l #	99
73) Isopropylbenzene	12.700	105	125550	19.235	ug/l	100
74) N-amyl acetate	12.494	43	42219	17.488	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	41807	19.909	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	37313m	21.614	ug/l	
77) Bromobenzene	12.982	156	28678	19.954	ug/l	96
78) n-propylbenzene	13.035	91	141190	19.266	ug/l	100
79) 2-Chlorotoluene	13.129	91	87489	19.537	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	107069	19.530	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	11157	16.590	ug/l	94
82) 4-Chlorotoluene	13.129	91	87489	19.537	ug/l	98
83) tert-Butylbenzene	13.441	119	94202	19.338	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	108118	19.491	ug/l	99
85) sec-Butylbenzene	13.617	105	131466	19.291	ug/l	99
86) p-Isopropyltoluene	13.729	119	106540	18.930	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	55254	19.635	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	53786	19.313	ug/l	97
89) n-Butylbenzene	14.058	91	86992	19.194	ug/l	100
90) Hexachloroethane	14.335	117	18067	17.508	ug/l	97
91) 1,2-Dichlorobenzene	14.105	146	53848	19.248	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8266	18.774	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	24925	20.705	ug/l	97
94) Hexachlorobutadiene	15.505	225	11468	19.541	ug/l	97
95) Naphthalene	15.641	128	87252	18.847	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	24427	20.422	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110822\
Data File : VN075205.D
Acq On : 08 Nov 2022 12:41
Operator : JC\MD
Sample : VN1108WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

Quant Time: Nov 09 01:31:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

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

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

