

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
 Data File : VN076125.D
 Acq On : 06 Jan 2023 11:48
 Operator : JC\MD
 Sample : VN0106WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0106WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/09/2023
 Supervised By : Mahesh Dadoda 01/09/2023

Quant Time: Jan 06 22:53:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	297560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	476428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	433382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	159361	49.228	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.460%		
35) Dibromofluoromethane	8.171	113	142338	48.243	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.480%		
50) Toluene-d8	10.571	98	515734	46.751	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.500%		
62) 4-Bromofluorobenzene	12.853	95	177442	48.565	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	52369	24.787	ug/l	99
3) Chloromethane	2.371	50	53681	20.433	ug/l	98
4) Vinyl Chloride	2.530	62	61392	19.590	ug/l	97
5) Bromomethane	2.948	94	49087	18.431	ug/l	97
6) Chloroethane	3.124	64	43898	18.916	ug/l	91
7) Trichlorofluoromethane	3.506	101	89634	18.849	ug/l	98
8) Diethyl Ether	3.977	74	32386	18.646	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	52567	19.359	ug/l	97
10) Methyl Iodide	4.600	142	77648	17.620	ug/l	99
11) Tert butyl alcohol	5.536	59	40252	87.876	ug/l	99
12) 1,1-Dichloroethene	4.353	96	47738	18.101	ug/l	97
13) Acrolein	4.189	56	48295	86.001	ug/l	100
14) Allyl chloride	5.036	41	59181	19.196	ug/l	99
15) Acrylonitrile	5.730	53	113025	90.419	ug/l	99
16) Acetone	4.442	43	89482	80.187	ug/l	99
17) Carbon Disulfide	4.724	76	107911	16.900	ug/l	98
18) Methyl Acetate	5.036	43	63877	19.365	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	168783	19.435	ug/l	99
20) Methylene Chloride	5.283	84	56304	18.457	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	51427	17.806	ug/l	93
22) Diisopropyl ether	6.683	45	140095	18.706	ug/l	98
23) Vinyl Acetate	6.612	43	457695	90.798	ug/l	99
24) 1,1-Dichloroethane	6.583	63	90393	18.098	ug/l	97
25) 2-Butanone	7.488	43	139383	89.206	ug/l	96
26) 2,2-Dichloropropane	7.494	77	75883	17.940	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	62236	18.017	ug/l	98
28) Bromochloromethane	7.824	49	41672	19.035	ug/l	99
29) Tetrahydrofuran	7.847	42	88646	90.532	ug/l	99
30) Chloroform	7.977	83	100793	17.923	ug/l	94
31) Cyclohexane	8.265	56	81724	17.627	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	91269	18.307	ug/l	97
36) 1,1-Dichloropropene	8.377	75	71336	18.201	ug/l	99
37) Ethyl Acetate	7.571	43	62493	19.850	ug/l	100
38) Carbon Tetrachloride	8.371	117	80300	18.305	ug/l	95
39) Methylcyclohexane	9.606	83	87955	18.601	ug/l	95
40) Benzene	8.612	78	220951	18.271	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
 Data File : VN076125.D
 Acq On : 06 Jan 2023 11:48
 Operator : JC\MD
 Sample : VN0106WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0106WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/09/2023
 Supervised By : Mahesh Dadoda 01/09/2023

Quant Time: Jan 06 22:53:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	29927	18.288	ug/l	92
42) 1,2-Dichloroethane	8.677	62	77124	19.184	ug/l	99
43) Isopropyl Acetate	8.694	43	97825	18.837	ug/l	98
44) Trichloroethene	9.359	130	60365	17.719	ug/l	98
45) 1,2-Dichloropropane	9.624	63	53745	18.264	ug/l	100
46) Dibromomethane	9.712	93	41023	18.796	ug/l	100
47) Bromodichloromethane	9.894	83	77782	18.173	ug/l	97
48) Methyl methacrylate	9.682	41	46824	20.019	ug/l	98
49) 1,4-Dioxane	9.700	88	21947	381.671	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	297794	94.819	ug/l	99
52) Toluene	10.629	92	145537	18.479	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	77837	18.578	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	88519	19.243	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	58171	18.818	ug/l	95
56) Ethyl methacrylate	10.877	69	79107	19.266	ug/l	98
57) 1,3-Dichloropropane	11.165	76	95987	18.930	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	111612	85.378	ug/l	100
59) 2-Hexanone	11.200	43	214972	93.859	ug/l	100
60) Dibromochloromethane	11.359	129	63843	18.571	ug/l	99
61) 1,2-Dibromoethane	11.471	107	58952	18.845	ug/l	99
64) Tetrachloroethene	11.106	164	60982	19.997	ug/l	97
65) Chlorobenzene	11.894	112	157190	17.672	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	60035	18.222	ug/l	99
67) Ethyl Benzene	11.965	91	274458	18.282	ug/l	99
68) m/p-Xylenes	12.076	106	221107	37.211	ug/l	100
69) o-Xylene	12.400	106	109044	18.544	ug/l	99
70) Styrene	12.412	104	175235	18.743	ug/l	99
71) Bromoform	12.582	173	44398	18.519	ug/l #	98
73) Isopropylbenzene	12.700	105	280258	18.502	ug/l	99
74) N-amyl acetate	12.494	43	80975	18.222	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	82944	17.713	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	72787m	17.227	ug/l	
77) Bromobenzene	12.982	156	70551	18.404	ug/l	94
78) n-propylbenzene	13.041	91	314650	18.834	ug/l	99
79) 2-Chlorotoluene	13.129	91	188811	18.105	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	238534	18.815	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	21431	18.257	ug/l	95
82) 4-Chlorotoluene	13.129	91	188811	18.105	ug/l	100
83) tert-Butylbenzene	13.441	119	216061	19.330	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	243170	19.335	ug/l	98
85) sec-Butylbenzene	13.618	105	289234	18.748	ug/l	99
86) p-Isopropyltoluene	13.735	119	248102	19.327	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	127748	18.041	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	125580	17.360	ug/l	98
89) n-Butylbenzene	14.059	91	188512	18.127	ug/l	99
90) Hexachloroethane	14.341	117	40726	17.736	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	130490	18.709	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12731	15.322	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	57892	16.765	ug/l	100
94) Hexachlorobutadiene	15.506	225	33489	17.776	ug/l	97
95) Naphthalene	15.647	128	164959	16.008	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	56198	17.413	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
Data File : VN076125.D
Acq On : 06 Jan 2023 11:48
Operator : JC\MD
Sample : VN0106WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0106WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

Quant Time: Jan 06 22:53:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

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

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

