

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070924\
 Data File : VN082841.D
 Acq On : 09 Jul 2024 15:56
 Operator : JC\MD
 Sample : VN0709WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/10/2024
 Supervised By : Mahesh Dadoda 07/10/2024

Quant Time: Jul 10 01:22:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	113657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	200093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	180891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	87275	54.778	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.560%			
35) Dibromofluoromethane	8.171	113	65386	50.926	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.860%			
50) Toluene-d8	10.571	98	239893	50.587	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.180%			
62) 4-Bromofluorobenzene	12.853	95	80542	47.282	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	30570	20.775	ug/l	97
3) Chloromethane	2.359	50	29224	20.942	ug/l	98
4) Vinyl Chloride	2.512	62	31573	21.543	ug/l	96
5) Bromomethane	2.954	94	20427	19.331	ug/l	98
6) Chloroethane	3.118	64	20214	20.155	ug/l	99
7) Trichlorofluoromethane	3.495	101	39344	18.665	ug/l	91
8) Diethyl Ether	3.959	74	14274	19.786	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.365	101	25053	21.000	ug/l	97
10) Methyl Iodide	4.583	142	22937	18.752	ug/l	94
11) Tert butyl alcohol	5.536	59	26749	99.819	ug/l	100
12) 1,1-Dichloroethene	4.342	96	22142	19.084	ug/l	87
13) Acrolein	4.177	56	22058	114.013	ug/l	99
14) Allyl chloride	5.018	41	34280	18.949	ug/l	96
15) Acrylonitrile	5.724	53	68733	111.607	ug/l	98
16) Acetone	4.436	43	60191	107.304	ug/l	95
17) Carbon Disulfide	4.706	76	63345	18.271	ug/l	98
18) Methyl Acetate	5.024	43	35107	23.652	ug/l	96
19) Methyl tert-butyl Ether	5.800	73	78100	19.514	ug/l	99
20) Methylene Chloride	5.277	84	27431	20.249	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	23714	18.863	ug/l	96
22) Diisopropyl ether	6.677	45	80564	21.287	ug/l	94
23) Vinyl Acetate	6.606	43	321164	106.856	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	46084	20.074	ug/l	96
25) 2-Butanone	7.489	43	91938	108.547	ug/l	93
26) 2,2-Dichloropropane	7.489	77	39492	18.502	ug/l	95
27) cis-1,2-Dichloroethene	7.489	96	27814	18.898	ug/l	92
28) Bromochloromethane	7.824	49	23755	24.120	ug/l #	83
29) Tetrahydrofuran	7.841	42	60907	114.224	ug/l	89
30) Chloroform	7.971	83	49642	20.383	ug/l	98
31) Cyclohexane	8.259	56	39173	18.806	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	43810	19.375	ug/l	97
36) 1,1-Dichloropropene	8.371	75	33406	18.871	ug/l	98
37) Ethyl Acetate	7.571	43	39069	21.678	ug/l	99
38) Carbon Tetrachloride	8.365	117	39358	18.466	ug/l	96
39) Methylcyclohexane	9.600	83	32748	17.126	ug/l	98
40) Benzene	8.612	78	105545	19.383	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	20748	21.369	ug/l	96
42) 1,2-Dichloroethane	8.671	62	39318	20.057	ug/l	98
43) Isopropyl Acetate	8.694	43	69297	18.524	ug/l	98
44) Trichloroethene	9.353	130	24203	17.349	ug/l	93
45) 1,2-Dichloropropane	9.624	63	25822	20.312	ug/l	96
46) Dibromomethane	9.712	93	19394	19.582	ug/l	97
47) Bromodichloromethane	9.894	83	40253	19.671	ug/l	94
48) Methyl methacrylate	9.683	41	28442	20.126	ug/l	91
49) 1,4-Dioxane	9.706	88	12013	385.461	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	197160	110.348	ug/l	95
52) Toluene	10.635	92	64716	19.026	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	39665	18.815	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	42417	19.009	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	25842	20.660	ug/l	97
56) Ethyl methacrylate	10.877	69	39274	20.182	ug/l	87
57) 1,3-Dichloropropane	11.165	76	44636	20.160	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	116982	117.153	ug/l	98
59) 2-Hexanone	11.200	43	146207	110.063	ug/l	94
60) Dibromochloromethane	11.359	129	31389	19.703	ug/l	99
61) 1,2-Dibromoethane	11.471	107	26209	19.731	ug/l	95
64) Tetrachloroethene	11.106	164	24137	17.885	ug/l	94
65) Chlorobenzene	11.894	112	71210	18.371	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	25970	18.836	ug/l	99
67) Ethyl Benzene	11.965	91	114144	17.521	ug/l	100
68) m/p-Xylenes	12.076	106	89002	36.186	ug/l	100
69) o-Xylene	12.400	106	41942	17.797	ug/l	97
70) Styrene	12.412	104	72580	18.639	ug/l	100
71) Bromoform	12.576	173	21113	19.471	ug/l #	99
73) Isopropylbenzene	12.694	105	106468	17.547	ug/l	100
74) N-amyl acetate	12.494	43	48590	19.360	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	37246	20.496	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	30160m	20.950	ug/l	
77) Bromobenzene	12.982	156	28016	17.898	ug/l	99
78) n-propylbenzene	13.035	91	125834	18.037	ug/l	98
79) 2-Chlorotoluene	13.129	91	78067	17.563	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	89031	18.153	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	14098	19.260	ug/l	94
82) 4-Chlorotoluene	13.223	91	81155	18.445	ug/l	99
83) tert-Butylbenzene	13.441	119	73084	16.808	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	90138	18.032	ug/l	98
85) sec-Butylbenzene	13.618	105	103081	17.543	ug/l	100
86) p-Isopropyltoluene	13.735	119	84865	17.311	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	50280	17.781	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	51523	17.618	ug/l	99
89) n-Butylbenzene	14.059	91	70010	16.669	ug/l	99
90) Hexachloroethane	14.341	117	18705	18.032	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	48527	17.675	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8151	19.388	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	24277	16.416	ug/l	99
94) Hexachlorobutadiene	15.500	225	10717	16.347	ug/l	98
95) Naphthalene	15.641	128	78827	15.562	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	25066	16.484	ug/l	96

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

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