

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061224\
 Data File : VN082539.D
 Acq On : 12 Jun 2024 19:24
 Operator : JC\MD
 Sample : P2838-08MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-340-342MSD

Quant Time: Jun 13 01:31:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 06/13/2024

Supervised By :Mahesh
 Dadoda
 06/13/2024

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	155109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	266283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	253129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123672	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.582	65	128488	52.461	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.920%	
35) Dibromofluoromethane	8.171	113	94355	57.602	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.200%	
50) Toluene-d8	10.570	98	326901	52.053	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.100%	
62) 4-Bromofluorobenzene	12.853	95	125427	55.956	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 111.920%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	136121	60.869	ug/l	99
3) Chloromethane	2.359	50	146248	57.706	ug/l	99
4) Vinyl Chloride	2.512	62	147909	62.079	ug/l	98
5) Bromomethane	2.947	94	83146	60.713	ug/l	95
6) Chloroethane	3.112	64	98886	63.562	ug/l	99
7) Trichlorofluoromethane	3.494	101	192117	61.578	ug/l	98
8) Diethyl Ether	3.965	74	69753	62.759	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.365	101	107836	59.168	ug/l	99
10) Methyl Iodide	4.588	142	121739	66.445	ug/l	94
11) Tert butyl alcohol	5.530	59	135977	345.863	ug/l	99
12) 1,1-Dichloroethene	4.341	96	102746	60.654	ug/l #	77
13) Acrolein	4.183	56	107168	367.844	ug/l	99
14) Allyl chloride	5.024	41	200618	55.316	ug/l #	91
15) Acrylonitrile	5.724	53	344956	338.784	ug/l	99
16) Acetone	4.430	43	318691	317.197	ug/l	94
17) Carbon Disulfide	4.712	76	306339	55.991	ug/l	100
18) Methyl Acetate	5.024	43	151112	60.394	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	389976	62.982	ug/l	92
20) Methylene Chloride	5.277	84	124433	61.384	ug/l #	79
21) trans-1,2-Dichloroethene	5.788	96	113148	61.293	ug/l	83
22) Diisopropyl ether	6.677	45	470394	62.113	ug/l #	92
23) Vinyl Acetate	6.606	43	1743359	291.974	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	241859	61.960	ug/l	96
25) 2-Butanone	7.482	43	505141	331.610	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	162226	49.618	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	135341	62.123	ug/l	85
28) Bromochloromethane	7.812	49	85051	50.139	ug/l #	78
29) Tetrahydrofuran	7.841	42	340859	348.512	ug/l #	83
30) Chloroform	7.965	83	238916	64.094	ug/l	98
31) Cyclohexane	8.259	56	208565	53.317	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	208700	63.108	ug/l	94
36) 1,1-Dichloropropene	8.371	75	168684	61.401	ug/l	96
37) Ethyl Acetate	7.559	43	191137	62.168	ug/l	95
38) Carbon Tetrachloride	8.365	117	181352	65.119	ug/l	99
39) Methylcyclohexane	9.606	83	173707	57.684	ug/l #	85
40) Benzene	8.606	78	516513	63.048	ug/l	97

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41) Methacrylonitrile	7.782	41	114697	63.433	ug/l	#	85
42) 1,2-Dichloroethane	8.671	62	190213	60.370	ug/l		96
43) Isopropyl Acetate	8.688	43	347495	63.786	ug/l	#	88
44) Trichloroethene	9.353	130	115050	61.824	ug/l		94
45) 1,2-Dichloropropane	9.623	63	131909	62.406	ug/l		91
46) Dibromomethane	9.712	93	89950	64.818	ug/l		99
47) Bromodichloromethane	9.888	83	191292	65.296	ug/l		100
48) Methyl methacrylate	9.682	41	170061	65.512	ug/l	#	83
49) 1,4-Dioxane	9.694	88	53825	1479.694	ug/l	#	80
51) 4-Methyl-2-Pentanone	10.447	43	1086578	351.041	ug/l		90
52) Toluene	10.635	92	320630	65.218	ug/l		98
53) t-1,3-Dichloropropene	10.835	75	193386	63.826	ug/l		98
54) cis-1,3-Dichloropropene	10.312	75	195860	61.069	ug/l	#	81
55) 1,1,2-Trichloroethane	11.018	97	118519	66.337	ug/l		98
56) Ethyl methacrylate	10.876	69	205606	67.783	ug/l	#	75
57) 1,3-Dichloropropane	11.165	76	211422	63.291	ug/l		99
59) 2-Hexanone	11.194	43	815609	359.870	ug/l		90
60) Dibromochloromethane	11.365	129	140265	71.141	ug/l		97
61) 1,2-Dibromoethane	11.470	107	121372	66.140	ug/l		99
64) Tetrachloroethene	11.106	164	113337	60.408	ug/l		95
65) Chlorobenzene	11.894	112	337652	60.381	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	122893	66.718	ug/l		99
67) Ethyl Benzene	11.964	91	609867	60.967	ug/l		96
68) m/p-Xylenes	12.070	106	454495	123.967	ug/l		93
69) o-Xylene	12.400	106	221460	62.359	ug/l		94
70) Styrene	12.412	104	367018	62.218	ug/l		96
71) Bromoform	12.582	173	97682	66.444	ug/l	#	99
73) Isopropylbenzene	12.700	105	565315	57.538	ug/l		98
74) N-amyl acetate	12.494	43	285707	52.866	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	171745	60.640	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	165827m	63.706	ug/l		
77) Bromobenzene	12.982	156	136735	58.398	ug/l		89
78) n-propylbenzene	13.035	91	675676	58.075	ug/l		97
79) 2-Chlorotoluene	13.129	91	410712	56.218	ug/l		94
80) 1,3,5-Trimethylbenzene	13.176	105	468220	58.936	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	63946m	57.460	ug/l		
82) 4-Chlorotoluene	13.223	91	411209	57.568	ug/l		95
83) tert-Butylbenzene	13.441	119	405291	58.313	ug/l		96
84) 1,2,4-Trimethylbenzene	13.482	105	482813	59.402	ug/l		98
85) sec-Butylbenzene	13.617	105	554315	57.540	ug/l		98
86) p-Isopropyltoluene	13.729	119	456418	58.297	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	250023	58.940	ug/l		98
88) 1,4-Dichlorobenzene	13.811	146	243819	56.316	ug/l		98
89) n-Butylbenzene	14.058	91	388943	55.271	ug/l		98
90) Hexachloroethane	14.335	117	89893	61.971	ug/l		96
91) 1,2-Dichlorobenzene	14.111	146	236352	58.862	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37444	64.348	ug/l		90
93) 1,2,4-Trichlorobenzene	15.394	180	120823	53.681	ug/l		99
94) Hexachlorobutadiene	15.505	225	50834	51.472	ug/l		98
95) Naphthalene	15.641	128	425029	60.258	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	122780	54.492	ug/l		97

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

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