

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061324\
 Data File : VN082569.D
 Acq On : 13 Jun 2024 19:11
 Operator : JC\MD
 Sample : P2838-07MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Jun 14 02:34:23 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 06/14/2024
 Supervised By : Semsettin Yesilyurt 06/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	150338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	259388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	242360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	130096	54.803	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.600%			
35) Dibromofluoromethane	8.165	113	96514	60.486	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 120.980%			
50) Toluene-d8	10.571	98	332207	54.304	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.600%			
62) 4-Bromofluorobenzene	12.853	95	129320	59.226	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 118.460%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	117423	54.174	ug/l	100
3) Chloromethane	2.359	50	138272	56.290	ug/l	99
4) Vinyl Chloride	2.512	62	135851	58.828	ug/l	100
5) Bromomethane	2.942	94	73576	55.430	ug/l	99
6) Chloroethane	3.106	64	93707	62.144	ug/l	99
7) Trichlorofluoromethane	3.495	101	173878	57.500	ug/l	98
8) Diethyl Ether	3.959	74	64671	60.033	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.365	101	96749	54.769	ug/l	97
10) Methyl Iodide	4.583	142	111141	62.586	ug/l	95
11) Tert butyl alcohol	5.530	59	127001	333.284	ug/l	99
12) 1,1-Dichloroethene	4.336	96	94367	57.475	ug/l #	80
13) Acrolein	4.183	56	90551	320.672	ug/l	96
14) Allyl chloride	5.018	41	207164	58.933	ug/l #	84
15) Acrylonitrile	5.718	53	328632	332.995	ug/l	99
16) Acetone	4.430	43	299566	307.624	ug/l	96
17) Carbon Disulfide	4.712	76	269252	50.774	ug/l	100
18) Methyl Acetate	5.030	43	158805	65.483	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	364632	60.758	ug/l	94
20) Methylene Chloride	5.283	84	114731	58.394	ug/l #	79
21) trans-1,2-Dichloroethene	5.789	96	102311	57.182	ug/l #	77
22) Diisopropyl ether	6.677	45	437914	59.659	ug/l #	92
23) Vinyl Acetate	6.606	43	1677818	289.914	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	223039	58.952	ug/l	96
25) 2-Butanone	7.488	43	483801	327.680	ug/l #	85
26) 2,2-Dichloropropane	7.488	77	157775	49.788	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	125824	59.588	ug/l	85
28) Bromochloromethane	7.812	49	85416	52.043	ug/l #	77
29) Tetrahydrofuran	7.841	42	324385	342.193	ug/l #	83
30) Chloroform	7.965	83	220466	61.021	ug/l	99
31) Cyclohexane	8.259	56	187725	49.513	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	193893	60.492	ug/l	94
36) 1,1-Dichloropropene	8.371	75	152817	57.104	ug/l	95
37) Ethyl Acetate	7.565	43	190595	63.639	ug/l #	95
38) Carbon Tetrachloride	8.365	117	167879	61.884	ug/l	97
39) Methylcyclohexane	9.606	83	152876	52.116	ug/l #	88
40) Benzene	8.606	78	477277	59.807	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	107493	61.029	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	183635	59.831	ug/l	95
43) Isopropyl Acetate	8.688	43	392815	74.021	ug/l #	84
44) Trichloroethene	9.353	130	102599	56.598	ug/l	97
45) 1,2-Dichloropropane	9.624	63	123798	60.125	ug/l	94
46) Dibromomethane	9.712	93	85218	63.041	ug/l	98
47) Bromodichloromethane	9.888	83	179599	62.934	ug/l #	98
48) Methyl methacrylate	9.682	41	161181	63.741	ug/l #	82
49) 1,4-Dioxane	9.694	88	53950	1522.554	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	1040732	345.167	ug/l	90
52) Toluene	10.629	92	296562	61.926	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	181400	61.461	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	182609	58.451	ug/l #	80
55) 1,1,2-Trichloroethane	11.023	97	110587	63.543	ug/l	97
56) Ethyl methacrylate	10.876	69	194758	65.913	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	203239	62.458	ug/l	99
59) 2-Hexanone	11.200	43	789531	357.624	ug/l	89
60) Dibromochloromethane	11.365	129	135215	70.403	ug/l	98
61) 1,2-Dibromoethane	11.470	107	113336	63.402	ug/l	98
64) Tetrachloroethene	11.106	164	88841	49.456	ug/l	98
65) Chlorobenzene	11.894	112	313760	58.602	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	115193	65.317	ug/l	99
67) Ethyl Benzene	11.965	91	564876	58.978	ug/l	98
68) m/p-Xylenes	12.076	106	428951	122.198	ug/l	95
69) o-Xylene	12.400	106	203350	59.803	ug/l	92
70) Styrene	12.412	104	350542	62.065	ug/l	97
71) Bromoform	12.582	173	92288	65.573	ug/l #	100
73) Isopropylbenzene	12.700	105	527412	52.452	ug/l	98
74) N-amyl acetate	12.494	43	294517	53.250	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	173502	59.859	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	162258m	60.909	ug/l	
77) Bromobenzene	12.982	156	128332	53.555	ug/l	88
78) n-propylbenzene	13.035	91	632629	53.132	ug/l	96
79) 2-Chlorotoluene	13.129	91	384570	51.435	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	434131	53.396	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	62717m	55.066	ug/l	
82) 4-Chlorotoluene	13.223	91	384150	52.550	ug/l	96
83) tert-Butylbenzene	13.441	119	371375	52.211	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	448491	53.917	ug/l	96
85) sec-Butylbenzene	13.617	105	514412	52.176	ug/l	98
86) p-Isopropyltoluene	13.729	119	427739	53.384	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	237529	54.714	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	231605	52.271	ug/l	98
89) n-Butylbenzene	14.059	91	360989	50.125	ug/l	98
90) Hexachloroethane	14.335	117	88476	59.599	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	227474	55.356	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37405	62.810	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	111971	48.610	ug/l	99
94) Hexachlorobutadiene	15.500	225	47632	47.126	ug/l	99
95) Naphthalene	15.641	128	393150	54.464	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	116350	50.457	ug/l	99

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

