

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
 Data File : VN082449.D
 Acq On : 03 Jun 2024 21:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/04/2024
 Supervised By : Mahesh Dadoda 06/04/2024

Quant Time: Jun 04 00:36:45 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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	177129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	309458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	290012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	141515	50.597	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.200%			
35) Dibromofluoromethane	8.171	113	100130	52.599	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.200%			
50) Toluene-d8	10.571	98	362481	49.666	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.340%			
62) 4-Bromofluorobenzene	12.853	95	136899	52.553	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	108185	42.363	ug/l	99
3) Chloromethane	2.359	50	124899	43.155	ug/l	98
4) Vinyl Chloride	2.512	62	126837	46.617	ug/l	97
5) Bromomethane	2.930	94	65983	42.191	ug/l	98
6) Chloroethane	3.106	64	90360	50.861	ug/l	97
7) Trichlorofluoromethane	3.483	101	178724	50.163	ug/l	98
8) Diethyl Ether	3.959	74	67980	53.560	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.365	101	100967	48.512	ug/l	98
10) Methyl Iodide	4.589	142	104500	49.945	ug/l	92
11) Tert butyl alcohol	5.530	59	141598	315.387	ug/l	98
12) 1,1-Dichloroethene	4.336	96	94650	48.928	ug/l #	73
13) Acrolein	4.183	56	96435	289.855	ug/l	98
14) Allyl chloride	5.024	41	193827	46.799	ug/l #	90
15) Acrylonitrile	5.724	53	353522	304.035	ug/l	98
16) Acetone	4.430	43	324723	283.022	ug/l	93
17) Carbon Disulfide	4.712	76	237080	37.945	ug/l	100
18) Methyl Acetate	5.030	43	196000	68.596	ug/l #	86
19) Methyl tert-butyl Ether	5.795	73	401254	56.748	ug/l #	91
20) Methylene Chloride	5.283	84	118483	51.183	ug/l #	79
21) trans-1,2-Dichloroethene	5.783	96	102992	48.856	ug/l #	81
22) Diisopropyl ether	6.671	45	475236	54.951	ug/l #	90
23) Vinyl Acetate	6.606	43	1866148	273.684	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	236447	53.043	ug/l	95
25) 2-Butanone	7.489	43	522420	300.318	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	156443	41.900	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	131149	52.716	ug/l	82
28) Bromochloromethane	7.818	49	97445	50.312	ug/l #	76
29) Tetrahydrofuran	7.841	42	350344	313.678	ug/l #	82
30) Chloroform	7.965	83	237534	55.801	ug/l	100
31) Cyclohexane	8.259	56	181942	40.729	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	206491	54.678	ug/l	92
36) 1,1-Dichloropropene	8.371	75	155504	48.706	ug/l	96
37) Ethyl Acetate	7.565	43	206856	57.894	ug/l	95
38) Carbon Tetrachloride	8.359	117	174846	54.023	ug/l	97
39) Methylcyclohexane	9.606	83	155056	44.306	ug/l #	87
40) Benzene	8.612	78	494544	51.944	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	115609	55.017	ug/l #	88
42) 1,2-Dichloroethane	8.677	62	194783	53.195	ug/l	94
43) Isopropyl Acetate	8.694	43	422067	66.665	ug/l #	84
44) Trichloroethene	9.353	130	105547	48.804	ug/l	91
45) 1,2-Dichloropropane	9.624	63	131523	53.542	ug/l	98
46) Dibromomethane	9.712	93	87622	54.331	ug/l	98
47) Bromodichloromethane	9.888	83	190765	56.031	ug/l	96
48) Methyl methacrylate	9.682	41	175796	58.273	ug/l #	82
49) 1,4-Dioxane	9.700	88	56124	1327.633	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	1144335	318.121	ug/l	90
52) Toluene	10.635	92	307309	53.787	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	192037	54.538	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	202140	54.234	ug/l #	82
55) 1,1,2-Trichloroethane	11.018	97	121037	58.295	ug/l	100
56) Ethyl methacrylate	10.877	69	213949	60.693	ug/l #	71
57) 1,3-Dichloropropane	11.165	76	216232	55.700	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	506265	278.433	ug/l	91
59) 2-Hexanone	11.200	43	854674	324.494	ug/l	89
60) Dibromochloromethane	11.359	129	146307	63.852	ug/l	100
61) 1,2-Dibromoethane	11.471	107	119267	55.925	ug/l	100
64) Tetrachloroethene	11.106	164	93088	43.306	ug/l	96
65) Chlorobenzene	11.894	112	330167	51.534	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	122594	58.092	ug/l	99
67) Ethyl Benzene	11.965	91	602746	52.592	ug/l	98
68) m/p-Xylenes	12.071	106	450523	107.255	ug/l	94
69) o-Xylene	12.400	106	216874	53.301	ug/l	89
70) Styrene	12.412	104	389204	57.588	ug/l	96
71) Bromoform	12.582	173	100165	59.541	ug/l #	100
73) Isopropylbenzene	12.700	105	572269	50.053	ug/l	99
74) N-amyl acetate	12.494	43	334725	53.224	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	188113	57.076	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	176915m	58.405	ug/l	
77) Bromobenzene	12.982	156	137474	50.455	ug/l	86
78) n-propylbenzene	13.041	91	674015	49.783	ug/l	96
79) 2-Chlorotoluene	13.129	91	417338	49.089	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	472576	51.117	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	75167	58.041	ug/l	89
82) 4-Chlorotoluene	13.223	91	418214	50.313	ug/l	95
83) tert-Butylbenzene	13.441	119	410732	50.783	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	483573	51.127	ug/l	97
85) sec-Butylbenzene	13.618	105	569152	50.769	ug/l	98
86) p-Isopropyltoluene	13.729	119	467616	51.325	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	250254	50.696	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	253322	50.281	ug/l	99
89) n-Butylbenzene	14.059	91	401840	49.071	ug/l	98
90) Hexachloroethane	14.335	117	95359	56.492	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	245214	52.479	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40183	59.341	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	128141	48.924	ug/l	97
94) Hexachlorobutadiene	15.506	225	54072	47.049	ug/l	98
95) Naphthalene	15.641	128	470261	57.293	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	133642	50.969	ug/l	98

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

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