

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081234.D
 Acq On : 27 Feb 2024 21:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2024
 Supervised By : Semsettin Yesilyurt 02/28/2024

Quant Time: Feb 28 04:25:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	255805	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	480991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	441358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	200263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	167057	53.280	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 106.560%		
35) Dibromofluoromethane	8.165	113	146505	53.865	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 107.720%		
50) Toluene-d8	10.571	98	476076	49.282	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 98.560%		
62) 4-Bromofluorobenzene	12.853	95	187382	51.622	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 103.240%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	175836	53.152	ug/l	99
3) Chloromethane	2.365	50	168270	46.532	ug/l	100
4) Vinyl Chloride	2.518	62	186359	50.715	ug/l	93
5) Bromomethane	2.953	94	111961	42.898	ug/l	94
6) Chloroethane	3.118	64	132522	55.882	ug/l	100
7) Trichlorofluoromethane	3.500	101	290025	54.026	ug/l	93
8) Diethyl Ether	3.965	74	105992	54.004	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	160910	53.769	ug/l	93
10) Methyl Iodide	4.589	142	167421	50.120	ug/l	98
11) Tert butyl alcohol	5.518	59	152213	263.973	ug/l	100
12) 1,1-Dichloroethene	4.341	96	146454	50.627	ug/l	93
13) Acrolein	4.171	56	72587	234.866	ug/l	99
14) Allyl chloride	5.024	41	222510	51.840	ug/l	# 93
15) Acrylonitrile	5.718	53	445820	296.039	ug/l	99
16) Acetone	4.424	43	332457	269.473	ug/l	97
17) Carbon Disulfide	4.718	76	363638	45.067	ug/l	97
18) Methyl Acetate	5.024	43	204397	67.914	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	551503	55.663	ug/l	95
20) Methylene Chloride	5.277	84	186180	58.491	ug/l	89
21) trans-1,2-Dichloroethene	5.788	96	166694	51.648	ug/l	92
22) Diisopropyl ether	6.677	45	565843	58.114	ug/l	# 92
23) Vinyl Acetate	6.606	43	2187683	276.929	ug/l	# 94
24) 1,1-Dichloroethane	6.571	63	325143	57.753	ug/l	# 93
25) 2-Butanone	7.488	43	558348	280.136	ug/l	90
26) 2,2-Dichloropropane	7.488	77	239874	45.472	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	203689	54.319	ug/l	88
28) Bromochloromethane	7.812	49	143781	61.603	ug/l	# 72
29) Tetrahydrofuran	7.841	42	378169	284.229	ug/l	# 88
30) Chloroform	7.971	83	351911	58.798	ug/l	96
31) Cyclohexane	8.265	56	262753	48.533	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	307019	56.326	ug/l	93
36) 1,1-Dichloropropene	8.371	75	243208	52.194	ug/l	97
37) Ethyl Acetate	7.559	43	233412	55.503	ug/l	98
38) Carbon Tetrachloride	8.365	117	261854	55.544	ug/l	96
39) Methylcyclohexane	9.606	83	276856	50.969	ug/l	90
40) Benzene	8.612	78	743464	55.123	ug/l	97

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41) Methacrylonitrile	7.777	41	132985	55.563	ug/l	93
42) 1,2-Dichloroethane	8.677	62	264776	56.269	ug/l	100
43) Isopropyl Acetate	8.694	43	407826	55.449	ug/l	95
44) Trichloroethene	9.353	130	187383	52.162	ug/l	99
45) 1,2-Dichloropropane	9.624	63	193486	57.349	ug/l	95
46) Dibromomethane	9.712	93	137488	55.930	ug/l	93
47) Bromodichloromethane	9.888	83	272434	58.516	ug/l #	98
48) Methyl methacrylate	9.682	41	193285	56.477	ug/l	92
49) 1,4-Dioxane	9.694	88	77121	1233.911	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1256361	296.944	ug/l	95
52) Toluene	10.629	92	475153	55.648	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	285457	55.174	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	302295	54.080	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	193413	58.894	ug/l	93
56) Ethyl methacrylate	10.876	69	288537	57.487	ug/l	88
57) 1,3-Dichloropropane	11.165	76	328580	57.865	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	719307	285.628	ug/l #	89
59) 2-Hexanone	11.200	43	919811	274.216	ug/l	95
60) Dibromochloromethane	11.359	129	204684	58.669	ug/l	98
61) 1,2-Dibromoethane	11.470	107	193965	56.165	ug/l	98
64) Tetrachloroethene	11.106	164	177926	59.067	ug/l	94
65) Chlorobenzene	11.894	112	508881	53.273	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	192511	56.110	ug/l	96
67) Ethyl Benzene	11.965	91	916631	53.626	ug/l	98
68) m/p-Xylenes	12.076	106	696452	106.300	ug/l	98
69) o-Xylene	12.400	106	348472	53.657	ug/l	95
70) Styrene	12.412	104	576820	56.049	ug/l	96
71) Bromoform	12.582	173	127596	58.618	ug/l #	98
73) Isopropylbenzene	12.700	105	913068	52.111	ug/l	99
74) N-amyl acetate	12.494	43	364505	49.222	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	263649	53.512	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	213786m	46.985	ug/l	
77) Bromobenzene	12.982	156	200213	51.247	ug/l	78
78) n-propylbenzene	13.041	91	1076988	53.394	ug/l	97
79) 2-Chlorotoluene	13.129	91	630918	50.995	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	761695	53.616	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	95580	54.068	ug/l	99
82) 4-Chlorotoluene	13.223	91	624348	51.610	ug/l	95
83) tert-Butylbenzene	13.441	119	673601	54.835	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	777161	54.898	ug/l	96
85) sec-Butylbenzene	13.617	105	955110	55.929	ug/l	95
86) p-Isopropyltoluene	13.729	119	780464	55.022	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	378893	51.328	ug/l	95
88) 1,4-Dichlorobenzene	13.811	146	378956	52.245	ug/l	97
89) n-Butylbenzene	14.059	91	685304	55.456	ug/l	97
90) Hexachloroethane	14.335	117	133044	56.744	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	367715	51.648	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	51992	50.756	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	198074	49.868	ug/l	98
94) Hexachlorobutadiene	15.505	225	73652	49.720	ug/l	95
95) Naphthalene	15.641	128	734670	50.474	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	203942	51.758	ug/l	98

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

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