

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082479.D
 Acq On : 07 Jun 2024 09:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/10/2024
 Supervised By : Mahesh Dadoda 06/10/2024

Quant Time: Jun 08 00:52:13 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	8.224	168	191862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	314683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	294406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	139817	46.151	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.300%		
35) Dibromofluoromethane	8.171	113	99329	51.312	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.620%		
50) Toluene-d8	10.571	98	358492	48.304	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.600%		
62) 4-Bromofluorobenzene	12.847	95	136866	51.668	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	103.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	144923	52.391	ug/l	99
3) Chloromethane	2.359	50	156033	49.773	ug/l	100
4) Vinyl Chloride	2.512	62	150578	51.093	ug/l	98
5) Bromomethane	2.953	94	80521	47.533	ug/l	100
6) Chloroethane	3.118	64	98759	51.320	ug/l	100
7) Trichlorofluoromethane	3.494	101	203813	52.812	ug/l	98
8) Diethyl Ether	3.959	74	68040	49.491	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.371	101	116640	51.739	ug/l	98
10) Methyl Iodide	4.589	142	124303	54.848	ug/l #	94
11) Tert butyl alcohol	5.524	59	106543	219.085	ug/l	100
12) 1,1-Dichloroethene	4.341	96	108302	51.686	ug/l #	74
13) Acrolein	4.177	56	101527	281.727	ug/l	99
14) Allyl chloride	5.024	41	213016	47.483	ug/l #	91
15) Acrylonitrile	5.718	53	327872	260.322	ug/l	98
16) Acetone	4.424	43	299350	240.872	ug/l	96
17) Carbon Disulfide	4.712	76	337735	49.905	ug/l	97
18) Methyl Acetate	5.018	43	163654	52.877	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	398343	52.010	ug/l	93
20) Methylene Chloride	5.271	84	127295	50.767	ug/l #	78
21) trans-1,2-Dichloroethene	5.788	96	119161	52.185	ug/l #	81
22) Diisopropyl ether	6.671	45	480883	51.334	ug/l #	92
23) Vinyl Acetate	6.606	43	1950090	264.034	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	247910	51.344	ug/l	98
25) 2-Butanone	7.482	43	477826	253.590	ug/l #	84
26) 2,2-Dichloropropane	7.488	77	214318	52.993	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	142122	52.739	ug/l	82
28) Bromochloromethane	7.812	49	102071	48.576	ug/l #	77
29) Tetrahydrofuran	7.841	42	324375	268.125	ug/l #	81
30) Chloroform	7.965	83	244343	52.993	ug/l	100
31) Cyclohexane	8.259	56	229848	47.502	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	217528	53.177	ug/l	92
36) 1,1-Dichloropropene	8.371	75	178903	55.104	ug/l	96
37) Ethyl Acetate	7.559	43	195789	53.886	ug/l #	93
38) Carbon Tetrachloride	8.365	117	189195	57.486	ug/l	96
39) Methylcyclohexane	9.600	83	196164	55.122	ug/l #	86
40) Benzene	8.606	78	540502	55.829	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	111573	52.214	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	204174	54.834	ug/l	96
43) Isopropyl Acetate	8.688	43	349847	54.340	ug/l #	89
44) Trichloroethene	9.353	130	120823	54.940	ug/l	98
45) 1,2-Dichloropropane	9.624	63	138874	55.596	ug/l	100
46) Dibromomethane	9.712	93	91408	55.738	ug/l	98
47) Bromodichloromethane	9.888	83	198758	57.409	ug/l	97
48) Methyl methacrylate	9.682	41	168291	54.859	ug/l #	83
49) 1,4-Dioxane	9.694	88	47634	1108.090	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	1025790	280.431	ug/l	90
52) Toluene	10.629	92	332713	57.266	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	207533	57.960	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	218424	57.630	ug/l #	80
55) 1,1,2-Trichloroethane	11.018	97	120090	56.878	ug/l	99
56) Ethyl methacrylate	10.876	69	206679	57.657	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	217081	54.990	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	497772	269.217	ug/l	90
59) 2-Hexanone	11.194	43	767648	286.613	ug/l	88
60) Dibromochloromethane	11.365	129	146095	62.701	ug/l	98
61) 1,2-Dibromoethane	11.470	107	124188	57.266	ug/l	98
64) Tetrachloroethene	11.106	164	123364	56.534	ug/l	95
65) Chlorobenzene	11.894	112	357803	55.014	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	125146	58.416	ug/l	99
67) Ethyl Benzene	11.965	91	640092	55.017	ug/l	96
68) m/p-Xylenes	12.070	106	485683	113.900	ug/l	94
69) o-Xylene	12.400	106	229658	55.600	ug/l	92
70) Styrene	12.412	104	398664	58.107	ug/l	96
71) Bromoform	12.582	173	98296	57.582	ug/l #	98
73) Isopropylbenzene	12.700	105	590737	50.332	ug/l	99
74) N-amyl acetate	12.494	43	307043	47.560	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	167720	49.573	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	137910m	44.351	ug/l	
77) Bromobenzene	12.982	156	143774	51.402	ug/l	90
78) n-propylbenzene	13.035	91	728391	52.408	ug/l	96
79) 2-Chlorotoluene	13.129	91	437463	50.125	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	504751	53.185	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	68962	51.873	ug/l #	73
82) 4-Chlorotoluene	13.223	91	441339	51.722	ug/l	94
83) tert-Butylbenzene	13.441	119	414877	49.969	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	507981	52.318	ug/l	98
85) sec-Butylbenzene	13.617	105	594657	51.673	ug/l	98
86) p-Isopropyltoluene	13.729	119	501865	53.660	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	265153	52.325	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	266354	51.500	ug/l	99
89) n-Butylbenzene	14.059	91	445643	53.013	ug/l	98
90) Hexachloroethane	14.335	117	93528	53.974	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	253192	52.785	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	36671	52.754	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	135287	50.317	ug/l	98
94) Hexachlorobutadiene	15.505	225	58379	49.483	ug/l	96
95) Naphthalene	15.641	128	444903	52.801	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	137921	51.241	ug/l	98

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

