

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
 Data File : VN073571.D
 Acq On : 25 Jul 2022 11:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 26 02:15:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 07/26/2022

Supervised By :Mahesh
 Dadoda
 07/26/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	207196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	337279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	314115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	157746	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.369	65	143949	48.126	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.260%
35) Dibromofluoromethane	7.945	113	118465	52.793	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.580%
50) Toluene-d8	10.380	98	396733	49.780	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.669	95	162722	53.129	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.260%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	176651	58.315	ug/l	96
3) Chloromethane	2.263	50	156278	53.139	ug/l	96
4) Vinyl Chloride	2.405	62	139217	55.713	ug/l	94
5) Bromomethane	2.781	94	60299	51.090	ug/l	99
6) Chloroethane	2.952	64	84836	57.714	ug/l	95
7) Trichlorofluoromethane	3.310	101	206558	47.814	ug/l	100
8) Diethyl Ether	3.763	74	97566	55.480	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.134	101	133842	52.433	ug/l	98
10) Methyl Iodide	4.346	142	129565	42.557	ug/l	95
11) Tert butyl alcohol	5.287	59	190938	263.516	ug/l	100
12) 1,1-Dichloroethene	4.110	96	128260	52.585	ug/l	97
13) Acrolein	3.981	56	122727	267.973	ug/l	97
14) Allyl chloride	4.751	41	281289	54.743	ug/l #	92
15) Acrylonitrile	5.469	53	559921	300.184	ug/l	100
16) Acetone	4.216	43	479871	285.815	ug/l	98
17) Carbon Disulfide	4.451	76	350681	55.447	ug/l	99
18) Methyl Acetate	4.769	43	269157	57.206	ug/l #	88
19) Methyl tert-butyl Ether	5.528	73	469173	52.777	ug/l	97
20) Methylene Chloride	5.010	84	160514	54.400	ug/l	91
21) trans-1,2-Dichloroethene	5.510	96	137009	53.759	ug/l	96
22) Diisopropyl ether	6.410	45	549507	57.311	ug/l	96
23) Vinyl Acetate	6.345	43	2462603	286.864	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	277925	56.013	ug/l	98
25) 2-Butanone	7.257	43	812542	303.972	ug/l #	88
26) 2,2-Dichloropropane	7.239	77	207572	45.232	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	164333	53.246	ug/l	95
28) Bromochloromethane	7.581	49	108376	52.153	ug/l #	81
29) Tetrahydrofuran	7.604	42	545292	297.922	ug/l #	86
30) Chloroform	7.745	83	270926	54.212	ug/l	97
31) Cyclohexane	8.022	56	255771	52.212	ug/l	87
32) 1,1,1-Trichloroethane	7.945	97	233625	52.458	ug/l	98
36) 1,1-Dichloropropene	8.151	75	202894	58.762	ug/l	97
37) Ethyl Acetate	7.334	43	310656	59.546	ug/l #	95
38) Carbon Tetrachloride	8.134	117	194493	54.470	ug/l	99
39) Methylcyclohexane	9.392	83	251909	58.601	ug/l	95
40) Benzene	8.386	78	623004	58.466	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	144914	57.274	ug/l	91
42) 1,2-Dichloroethane	8.463	62	221407	57.320	ug/l	99
43) Isopropyl Acetate	8.492	43	454703	60.644	ug/l #	92
44) Trichloroethene	9.151	130	149580	55.161	ug/l	97
45) 1,2-Dichloropropane	9.428	63	159967	58.899	ug/l	99
46) Dibromomethane	9.516	93	106710	57.865	ug/l	94
47) Bromodichloromethane	9.698	83	213599	59.803	ug/l	95
48) Methyl methacrylate	9.498	41	201974	58.179	ug/l	91
49) 1,4-Dioxane	9.504	88	85814	1302.104	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	1523667	320.448	ug/l	90
52) Toluene	10.445	92	378906	57.538	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	224279	57.041	ug/l	96
54) cis-1,3-Dichloropropene	10.128	75	245657	57.871	ug/l #	88
55) 1,1,2-Trichloroethane	10.839	97	153527	56.630	ug/l	97
56) Ethyl methacrylate	10.704	69	257916	58.859	ug/l #	83
57) 1,3-Dichloropropane	10.986	76	266482	57.339	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	549317	281.086	ug/l	93
59) 2-Hexanone	11.027	43	1169174	322.580	ug/l	89
60) Dibromochloromethane	11.180	129	160147	61.957	ug/l	98
61) 1,2-Dibromoethane	11.286	107	159901	59.050	ug/l	99
64) Tetrachloroethene	10.916	164	143536	55.960	ug/l	93
65) Chlorobenzene	11.710	112	393388	55.374	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	144992	55.488	ug/l	98
67) Ethyl Benzene	11.786	91	723212	56.075	ug/l	100
68) m/p-Xylenes	11.892	106	552767	113.564	ug/l	97
69) o-Xylene	12.222	106	277321	55.810	ug/l	100
70) Styrene	12.233	104	449219	58.555	ug/l	99
71) Bromoform	12.398	173	118548	62.002	ug/l #	99
73) Isopropylbenzene	12.522	105	717995	52.709	ug/l	99
74) N-amyl acetate	12.327	43	354812	52.018	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	240628	53.233	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	218765m	53.037	ug/l	
77) Bromobenzene	12.798	156	166180	52.471	ug/l	92
78) n-propylbenzene	12.863	91	837610	55.350	ug/l	98
79) 2-Chlorotoluene	12.945	91	499689	52.172	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	591934	53.313	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	78754	52.362	ug/l	92
82) 4-Chlorotoluene	13.045	91	484702	52.273	ug/l	96
83) tert-Butylbenzene	13.263	119	524869	52.729	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	592140	53.417	ug/l	98
85) sec-Butylbenzene	13.439	105	747099	55.894	ug/l	99
86) p-Isopropyltoluene	13.557	119	607216	56.237	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	298363	52.512	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	299151	52.549	ug/l	99
89) n-Butylbenzene	13.880	91	513234	57.042	ug/l	98
90) Hexachloroethane	14.151	117	107630	53.488	ug/l	90
91) 1,2-Dichlorobenzene	13.927	146	300079	51.846	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	55934	50.910	ug/l	90
93) 1,2,4-Trichlorobenzene	15.198	180	168064	55.767	ug/l	99
94) Hexachlorobutadiene	15.298	225	79260	59.163	ug/l	97
95) Naphthalene	15.433	128	599668	49.324	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	172908	55.619	ug/l	98

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

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