

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030223.D
 Acq On : 27 Jul 2022 10:00
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022

Quant Time: Jul 28 05:48:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	2909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216165	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	1332	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107613	1840.510	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 3681.020%#			
35) Dibromofluoromethane	5.391	113	1855	0.898	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 1.800%#			
50) Toluene-d8	8.647	98	320114	40.002	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 80.000%#			
62) 4-Bromofluorobenzene	11.079	95	119549	40.253	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 80.500%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50805	1064.340	ug/l	97
3) Chloromethane	1.294	50	47790	1012.436	ug/l	100
4) Vinyl Chloride	1.374	62	50817	1066.639	ug/l	99
5) Bromomethane	1.611	94	23032	1551.296	ug/l	90
6) Chloroethane	1.685	64	30518	1115.621	ug/l	94
7) Trichlorofluoromethane	1.886	101	72229	1150.722	ug/l	99
8) Diethyl Ether	2.136	74	27370	1113.526	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	50941	1095.712	ug/l	97
10) Methyl Iodide	2.453	142	47189	1011.257	ug/l	97
11) Tert butyl alcohol	2.977	59	81356	5704.275	ug/l	99
12) 1,1-Dichloroethene	2.319	96	49460	1088.389	ug/l	90
13) Acrolein	2.239	56	20520	5853.697	ug/l	98
14) Allyl chloride	2.666	41	104935	1119.022	ug/l	97
15) Acrylonitrile	3.068	53	190874	5415.614	ug/l	99
16) Acetone	2.386	43	201554	6733.138	ug/l	93
17) Carbon Disulfide	2.514	76	126189	1028.699	ug/l	98
18) Methyl Acetate	2.709	43	100100	1130.545	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	171727	1103.208	ug/l	99
20) Methylene Chloride	2.794	84	59673	1222.481	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	54582	1088.185	ug/l	94
22) Diisopropyl ether	3.763	45	201498	1135.679	ug/l	92
23) Vinyl Acetate	3.727	43	865096	5620.904	ug/l	97
24) 1,1-Dichloroethane	3.611	63	103408	1096.823	ug/l	100
25) 2-Butanone	4.562	43	304697	6057.219	ug/l	94
26) 2,2-Dichloropropane	4.477	77	78100	1145.608	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	64445	1092.595	ug/l	95
28) Bromochloromethane	4.897	49	69099	1734.853	ug/l	92
29) Tetrahydrofuran	5.007	42	182948	5405.333	ug/l	94
30) Chloroform	5.092	83	102678	1099.952	ug/l	100
31) Cyclohexane	5.470	56	92703	1092.007	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	83746	1103.698	ug/l	99
36) 1,1-Dichloropropene	5.690	75	73083	24.575	ug/l	96
37) Ethyl Acetate	4.715	43	103965	24.687	ug/l	96
38) Carbon Tetrachloride	5.678	117	69670	25.095	ug/l	99
39) Methylcyclohexane	7.385	83	94053	24.502	ug/l	96
40) Benzene	6.037	78	232613	24.861	ug/l	97

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41) Methacrylonitrile	4.928	41	56876	25.195	ug/l	96
42) 1,2-Dichloroethane	6.086	62	80263	24.826	ug/l	97
43) Isopropyl Acetate	6.342	43	153049	24.791	ug/l	97
44) Trichloroethene	7.129	130	60514	23.670	ug/l	94
45) 1,2-Dichloropropane	7.434	63	62102	24.885	ug/l	97
46) Dibromomethane	7.580	93	40361	23.783	ug/l	96
47) Bromodichloromethane	7.824	83	77502	25.121	ug/l	94
48) Methyl methacrylate	7.696	41	77098	25.373	ug/l	93
49) 1,4-Dioxane	7.671	88	32304	460.289	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	523398	124.883	ug/l	97
52) Toluene	8.720	92	137496	24.086	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	82057	24.674	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	90889	25.079	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	60028	24.698	ug/l	96
56) Ethyl methacrylate	9.116	69	96391	25.087	ug/l	95
57) 1,3-Dichloropropane	9.311	76	99121	24.706	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	255816	134.154	ug/l	97
59) 2-Hexanone	9.433	43	429375	129.856	ug/l	95
60) Dibromochloromethane	9.525	129	54313	24.140	ug/l	95
61) 1,2-Dibromoethane	9.610	107	61297	24.153	ug/l	98
64) Tetrachloroethene	9.275	164	57772	27.328	ug/l	96
65) Chlorobenzene	10.079	112	148141	27.773	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	52488	28.947	ug/l	98
67) Ethyl Benzene	10.195	91	270605	31.305	ug/l	100
68) m/p-Xylenes	10.305	106	203547	56.331	ug/l	92
69) o-Xylene	10.640	106	99911	28.054	ug/l	93
70) Styrene	10.659	104	169833	29.026	ug/l	97
71) Bromoform	10.799	173	38096	28.578	ug/l #	98
73) Isopropylbenzene	10.963	105	262402	2523.456	ug/l	99
74) N-amyl acetate	10.841	43	125987	2492.906	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	89341	2347.354	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	89421m	2546.820	ug/l	
77) Bromobenzene	11.201	156	58043	2378.190	ug/l	91
78) n-propylbenzene	11.305	91	320197	2579.971	ug/l	98
79) 2-Chlorotoluene	11.366	91	189291	2415.224	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	222393	2554.173	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28536	2438.164	ug/l	91
82) 4-Chlorotoluene	11.457	91	216712	2530.785	ug/l	97
83) tert-Butylbenzene	11.713	119	207123	2566.459	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	224411	2583.385	ug/l	96
85) sec-Butylbenzene	11.890	105	282452	2557.053	ug/l	99
86) p-Isopropyltoluene	12.012	119	234620	2654.880	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	114792	2418.404	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	115749	2395.531	ug/l	99
89) n-Butylbenzene	12.335	91	216938	2636.679	ug/l	99
90) Hexachloroethane	12.542	117	37870	2488.850	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	115351	2475.912	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23801	2607.335	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	71587	2649.612	ug/l	98
94) Hexachlorobutadiene	13.725	225	29760	2743.248	ug/l	99
95) Naphthalene	13.780	128	283125	2682.763	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	74267	2680.275	ug/l	99

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

