

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030156.D
 Acq On : 21 Jul 2022 11:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 21 15:51:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/22/2022
 Supervised By :Semsettin Yesilyurt 07/22/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	206220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	355781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	325130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168143	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	130908	52.153	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.300%	
35) Dibromofluoromethane	5.385	113	109884	48.346	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.700%	
50) Toluene-d8	8.653	98	419638	49.091	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.180%	
62) 4-Bromofluorobenzene	11.085	95	164002	55.286	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.580%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	112829	48.133	ug/l	99
3) Chloromethane	1.288	50	107225	49.897	ug/l	99
4) Vinyl Chloride	1.374	62	109870	46.031	ug/l	99
5) Bromomethane	1.593	94	40576	40.019	ug/l	93
6) Chloroethane	1.666	64	63093	46.940	ug/l	95
7) Trichlorofluoromethane	1.874	101	150317	48.764	ug/l	97
8) Diethyl Ether	2.136	74	58022	45.499	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	107922	51.285	ug/l	97
10) Methyl Iodide	2.447	142	102760	49.750	ug/l	98
11) Tert butyl alcohol	2.983	59	173705	268.137	ug/l	98
12) 1,1-Dichloroethene	2.313	96	104755	49.858	ug/l	95
13) Acrolein	2.239	56	28471	220.666	ug/l	97
14) Allyl chloride	2.660	41	211828	57.692	ug/l	98
15) Acrylonitrile	3.069	53	416382	282.810	ug/l	99
16) Acetone	2.386	43	341945	289.107	ug/l	96
17) Carbon Disulfide	2.502	76	259390	44.074	ug/l	98
18) Methyl Acetate	2.703	43	207118	57.562	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	371428	55.927	ug/l	96
20) Methylene Chloride	2.782	84	125988	52.792	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	115856	52.902	ug/l	100
22) Diisopropyl ether	3.764	45	424390	59.049	ug/l	92
23) Vinyl Acetate	3.721	43	1867253	306.901	ug/l	97
24) 1,1-Dichloroethane	3.605	63	214423	53.840	ug/l	98
25) 2-Butanone	4.562	43	599962	297.783	ug/l	96
26) 2,2-Dichloropropane	4.471	77	165332	59.098	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	135146	50.393	ug/l	95
28) Bromochloromethane	4.897	49	84237	50.277	ug/l	96
29) Tetrahydrofuran	5.007	42	403234	294.909	ug/l	96
30) Chloroform	5.093	83	218184	54.974	ug/l	98
31) Cyclohexane	5.471	56	196828	54.092	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	178467	55.018	ug/l	99
36) 1,1-Dichloropropene	5.696	75	158307	53.923	ug/l	98
37) Ethyl Acetate	4.721	43	220444	58.435	ug/l	99
38) Carbon Tetrachloride	5.678	117	148407	54.207	ug/l	98
39) Methylcyclohexane	7.385	83	204365	54.912	ug/l	99
40) Benzene	6.037	78	496327	53.713	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	121598	59.864	ug/l	97
42) 1,2-Dichloroethane	6.086	62	168807	58.946	ug/l	98
43) Isopropyl Acetate	6.342	43	333067	58.714	ug/l	98
44) Trichloroethene	7.129	130	131468	48.689	ug/l	98
45) 1,2-Dichloropropane	7.434	63	133037	55.390	ug/l	98
46) Dibromomethane	7.580	93	87669	53.033	ug/l	97
47) Bromodichloromethane	7.824	83	165614	55.212	ug/l	96
48) Methyl methacrylate	7.696	41	165867	63.370	ug/l	96
49) 1,4-Dioxane	7.665	88	78951	1160.994	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1164802	310.298	ug/l	97
52) Toluene	8.720	92	310637	52.940	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	182024	58.420	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	200873	56.276	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	131726	54.438	ug/l	96
56) Ethyl methacrylate	9.122	69	216011	59.375	ug/l	95
57) 1,3-Dichloropropane	9.311	76	213196	55.464	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	560967	283.965	ug/l	98
59) 2-Hexanone	9.433	43	941874	327.193	ug/l	97
60) Dibromochloromethane	9.525	129	125463	53.221	ug/l	100
61) 1,2-Dibromoethane	9.610	107	135829	53.935	ug/l	100
64) Tetrachloroethene	9.275	164	131169	50.258	ug/l	97
65) Chlorobenzene	10.079	112	334058	51.598	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	117104	53.056	ug/l	99
67) Ethyl Benzene	10.195	91	610571	55.644	ug/l	98
68) m/p-Xylenes	10.305	106	469993	109.206	ug/l	97
69) o-Xylene	10.646	106	232470	53.947	ug/l	97
70) Styrene	10.659	104	397468	55.572	ug/l	98
71) Bromoform	10.799	173	89720	50.595	ug/l #	97
73) Isopropylbenzene	10.963	105	604307	51.616	ug/l	99
74) N-amyl acetate	10.848	43	304169	59.152	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	216052	51.149	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	203834m	52.725	ug/l	
77) Bromobenzene	11.201	156	140299	47.895	ug/l	95
78) n-propylbenzene	11.305	91	738087	53.140	ug/l	100
79) 2-Chlorotoluene	11.366	91	440307	52.926	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	519194	52.629	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	71430	53.323	ug/l	96
82) 4-Chlorotoluene	11.457	91	505128	54.192	ug/l	99
83) tert-Butylbenzene	11.719	119	486198	51.391	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	527898	54.099	ug/l	98
85) sec-Butylbenzene	11.890	105	680030	54.372	ug/l	98
86) p-Isopropyltoluene	12.012	119	546609	54.477	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	280774	51.876	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	277654	49.989	ug/l	100
89) n-Butylbenzene	12.335	91	526042	58.514	ug/l	100
90) Hexachloroethane	12.542	117	88899	51.828	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	271392	49.355	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	50382	52.238	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	166132	49.189	ug/l	98
94) Hexachlorobutadiene	13.725	225	64497	47.831	ug/l	97
95) Naphthalene	13.780	128	655137	48.868	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	168083	48.911	ug/l	99

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

