

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029786.D
 Acq On : 24 Jun 2022 19:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 25 02:07:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/25/2022
 Supervised By : Semsettin Yesilyurt 06/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	214618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	371227	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	327889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	125564	44.198	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.400%		
35) Dibromofluoromethane	5.391	113	117142	48.421	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.840%		
50) Toluene-d8	8.653	98	431017	48.769	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.540%		
62) 4-Bromofluorobenzene	11.086	95	163825	49.154	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	142273	54.740	ug/l	100
3) Chloromethane	1.288	50	123425	44.081	ug/l	99
4) Vinyl Chloride	1.374	62	132886	51.548	ug/l	99
5) Bromomethane	1.605	94	49975	37.997	ug/l	97
6) Chloroethane	1.679	64	76547	49.892	ug/l	97
7) Trichlorofluoromethane	1.886	101	185836	51.743	ug/l	98
8) Diethyl Ether	2.136	74	71817	50.756	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	122556	54.420	ug/l	99
10) Methyl Iodide	2.453	142	109584	43.126	ug/l	99
11) Tert butyl alcohol	2.983	59	157872	255.193	ug/l	97
12) 1,1-Dichloroethene	2.319	96	121853	56.043	ug/l	91
13) Acrolein	2.240	56	26732	170.814	ug/l	98
14) Allyl chloride	2.666	41	179927	51.253	ug/l	96
15) Acrylonitrile	3.069	53	363565	273.600	ug/l	100
16) Acetone	2.386	43	280078	247.336	ug/l	100
17) Carbon Disulfide	2.514	76	297058	52.700	ug/l	99
18) Methyl Acetate	2.709	43	161990	54.106	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	405165	53.675	ug/l	99
20) Methylene Chloride	2.788	84	137066	54.346	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	130953	55.104	ug/l	93
22) Diisopropyl ether	3.764	45	363873	52.396	ug/l #	90
23) Vinyl Acetate	3.727	43	1543495	266.228	ug/l	99
24) 1,1-Dichloroethane	3.611	63	225754	54.054	ug/l	99
25) 2-Butanone	4.562	43	465667	260.163	ug/l	98
26) 2,2-Dichloropropane	4.483	77	145242	44.682	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	153083	55.138	ug/l	92
28) Bromochloromethane	4.904	49	78522	49.210	ug/l	92
29) Tetrahydrofuran	5.013	42	315502	264.489	ug/l	98
30) Chloroform	5.099	83	237384	53.710	ug/l	98
31) Cyclohexane	5.477	56	202289	53.037	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	206289	52.916	ug/l	98
36) 1,1-Dichloropropene	5.696	75	176048	53.766	ug/l	99
37) Ethyl Acetate	4.721	43	177457	52.874	ug/l	97
38) Carbon Tetrachloride	5.684	117	174962	54.338	ug/l	99
39) Methylcyclohexane	7.385	83	222685	54.549	ug/l	98
40) Benzene	6.044	78	535028	55.125	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	99975	56.539	ug/l	96
42) 1,2-Dichloroethane	6.092	62	170852	51.208	ug/l	97
43) Isopropyl Acetate	6.349	43	275794	52.844	ug/l	99
44) Trichloroethene	7.129	130	152721	55.656	ug/l	100
45) 1,2-Dichloropropane	7.434	63	130751	54.929	ug/l	98
46) Dibromomethane	7.586	93	94121	55.014	ug/l	95
47) Bromodichloromethane	7.824	83	181587	55.079	ug/l	98
48) Methyl methacrylate	7.696	41	137858	53.874	ug/l	96
49) 1,4-Dioxane	7.678	88	71706	1086.872	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	918367	273.009	ug/l	98
52) Toluene	8.720	92	352954	56.790	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	185366	55.641	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	211387	56.664	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	140708	55.994	ug/l	99
56) Ethyl methacrylate	9.122	69	218906	57.663	ug/l	97
57) 1,3-Dichloropropane	9.311	76	229832	54.915	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	460112	257.954	ug/l	96
59) 2-Hexanone	9.433	43	700198	274.883	ug/l	98
60) Dibromochloromethane	9.525	129	140265	57.492	ug/l	95
61) 1,2-Dibromoethane	9.610	107	148754	57.097	ug/l	98
64) Tetrachloroethene	9.275	164	138070	58.227	ug/l	97
65) Chlorobenzene	10.080	112	367545	57.139	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	132764	57.471	ug/l	99
67) Ethyl Benzene	10.195	91	657257	56.788	ug/l	99
68) m/p-Xylenes	10.305	106	509547	112.893	ug/l	100
69) o-Xylene	10.647	106	252550	56.634	ug/l	100
70) Styrene	10.659	104	427768	58.587	ug/l	99
71) Bromoform	10.805	173	97376	59.451	ug/l	100
73) Isopropylbenzene	10.964	105	655226	53.822	ug/l	100
74) N-amyl acetate	10.848	43	227181	53.731	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	210306	53.433	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	187715m	53.070	ug/l	
77) Bromobenzene	11.201	156	154797	55.714	ug/l	98
78) n-propylbenzene	11.305	91	736876	53.742	ug/l	99
79) 2-Chlorotoluene	11.366	91	452062	53.247	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	555481	54.180	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	57046	53.653	ug/l	97
82) 4-Chlorotoluene	11.457	91	509166	52.590	ug/l	99
83) tert-Butylbenzene	11.720	119	540918	54.111	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	555251	54.302	ug/l	100
85) sec-Butylbenzene	11.890	105	674957	54.480	ug/l	100
86) p-Isopropyltoluene	12.012	119	570845	55.029	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	292108	55.190	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	293199	55.483	ug/l	99
89) n-Butylbenzene	12.335	91	471721	53.880	ug/l	99
90) Hexachloroethane	12.543	117	83804	56.419	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	288647	55.481	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	47030	53.927	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	181009	57.053	ug/l	99
94) Hexachlorobutadiene	13.725	225	69044	53.154	ug/l	95
95) Naphthalene	13.780	128	689591	60.548	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	183806	57.846	ug/l	95

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

