

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062822\
 Data File : VX029846.D
 Acq On : 28 Jun 2022 22:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/30/2022
 Supervised By :Semsettin Yesilyurt 06/30/2022

Quant Time: Jun 29 06:10:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	249824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	439076	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	189915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151960	48.053	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.100%		
35) Dibromofluoromethane	5.391	113	134729	49.100	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.200%		
50) Toluene-d8	8.653	98	527262	51.220	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.440%		
62) 4-Bromofluorobenzene	11.085	95	188997	51.940	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	126152	51.782	ug/l	99
3) Chloromethane	1.288	50	142680	50.830	ug/l	99
4) Vinyl Chloride	1.374	62	146525	52.484	ug/l	97
5) Bromomethane	1.612	94	66125	42.989	ug/l	97
6) Chloroethane	1.685	64	83197	53.615	ug/l	95
7) Trichlorofluoromethane	1.886	101	181449	50.631	ug/l	96
8) Diethyl Ether	2.136	74	80255	49.959	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	118986	47.490	ug/l	98
10) Methyl Iodide	2.453	142	164050	47.870	ug/l	99
11) Tert butyl alcohol	2.989	59	179544	217.094	ug/l	99
12) 1,1-Dichloroethene	2.319	96	124849	48.526	ug/l	98
13) Acrolein	2.239	56	91095	234.842	ug/l	98
14) Allyl chloride	2.666	41	223499	47.070	ug/l	99
15) Acrylonitrile	3.069	53	453330	234.795	ug/l	100
16) Acetone	2.386	43	346678	224.080	ug/l	98
17) Carbon Disulfide	2.514	76	287487	44.938	ug/l	98
18) Methyl Acetate	2.709	43	217034	45.503	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	427534	49.219	ug/l	99
20) Methylene Chloride	2.788	84	148485	45.444	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	135843	48.139	ug/l	99
22) Diisopropyl ether	3.764	45	466097	48.576	ug/l	95
23) Vinyl Acetate	3.727	43	2024030	243.897	ug/l	99
24) 1,1-Dichloroethane	3.611	63	246878	48.788	ug/l	99
25) 2-Butanone	4.562	43	613258	228.378	ug/l	99
26) 2,2-Dichloropropane	4.483	77	146568	44.130	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	163229	48.991	ug/l	97
28) Bromochloromethane	4.898	49	99332	48.977	ug/l	96
29) Tetrahydrofuran	5.013	42	416067	235.446	ug/l	99
30) Chloroform	5.099	83	241970	48.764	ug/l	97
31) Cyclohexane	5.477	56	219565	49.797	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	191719	48.520	ug/l	98
36) 1,1-Dichloropropene	5.696	75	179646	49.224	ug/l	99
37) Ethyl Acetate	4.721	43	236256	47.332	ug/l	99
38) Carbon Tetrachloride	5.678	117	154180	48.755	ug/l	99
39) Methylcyclohexane	7.385	83	216986	49.174	ug/l	99
40) Benzene	6.044	78	584473	49.528	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	124544	46.937	ug/l	97
42) 1,2-Dichloroethane	6.092	62	177926	49.126	ug/l	98
43) Isopropyl Acetate	6.342	43	372769	49.595	ug/l	99
44) Trichloroethene	7.129	130	151074	47.536	ug/l	100
45) 1,2-Dichloropropane	7.434	63	153896	49.366	ug/l	100
46) Dibromomethane	7.586	93	100175	49.121	ug/l	98
47) Bromodichloromethane	7.824	83	174758	47.808	ug/l	97
48) Methyl methacrylate	7.696	41	173015	48.549	ug/l	98
49) 1,4-Dioxane	7.684	88	75468	894.302	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	1186101	239.311	ug/l	100
52) Toluene	8.720	92	360229	50.587	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	192556	49.432	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	219001	49.752	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	151729	48.906	ug/l	97
56) Ethyl methacrylate	9.116	69	244979	50.083	ug/l	99
57) 1,3-Dichloropropane	9.311	76	243843	48.854	ug/l	100
59) 2-Hexanone	9.433	43	917276	238.480	ug/l	99
60) Dibromochloromethane	9.525	129	129610	47.283	ug/l	98
61) 1,2-Dibromoethane	9.610	107	156033	49.215	ug/l	98
64) Tetrachloroethene	9.275	164	119542	50.896	ug/l	97
65) Chlorobenzene	10.080	112	387483	49.571	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	126279	48.350	ug/l	98
67) Ethyl Benzene	10.195	91	680463	50.049	ug/l	100
68) m/p-Xylenes	10.305	106	526326	100.935	ug/l	98
69) o-Xylene	10.647	106	264225	50.026	ug/l	99
70) Styrene	10.659	104	441091	50.522	ug/l	99
71) Bromoform	10.805	173	87539	46.989	ug/l	99
73) Isopropylbenzene	10.964	105	659792	48.013	ug/l	98
74) N-amyl acetate	10.848	43	326538	47.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	248129	45.865	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	211553m	46.533	ug/l	
77) Bromobenzene	11.201	156	159864	48.366	ug/l	98
78) n-propylbenzene	11.305	91	785037	48.437	ug/l	100
79) 2-Chlorotoluene	11.366	91	464053	48.159	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	542143	47.522	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	68579	47.905	ug/l	98
82) 4-Chlorotoluene	11.457	91	521319	47.488	ug/l	99
83) tert-Butylbenzene	11.719	119	531985	47.053	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	547013	47.866	ug/l	100
85) sec-Butylbenzene	11.890	105	677449	47.550	ug/l	100
86) p-Isopropyltoluene	12.012	119	546091	48.023	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	299310	47.164	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	301615	46.578	ug/l	99
89) n-Butylbenzene	12.335	91	486070	45.474	ug/l	99
90) Hexachloroethane	12.543	117	81713	44.051	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	302467	48.515	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	50630	44.785	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	178818	47.330	ug/l	99
94) Hexachlorobutadiene	13.725	225	61323	43.877	ug/l	98
95) Naphthalene	13.774	128	745593	48.607	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	181428	46.907	ug/l	98

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

