

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029808.D
 Acq On : 25 Jun 2022 08:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jun 25 09:08:30 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	218862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	381347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135326	46.710	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.420%		
35) Dibromofluoromethane	5.391	113	123789	49.811	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.620%		
50) Toluene-d8	8.653	98	456173	50.246	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.500%		
62) 4-Bromofluorobenzene	11.079	95	176563	51.570	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	140914	53.165	ug/l	100
3) Chloromethane	1.288	50	131333	45.995	ug/l	99
4) Vinyl Chloride	1.374	62	140073	53.283	ug/l	100
5) Bromomethane	1.611	94	65366	48.736	ug/l	98
6) Chloroethane	1.685	64	65886	39.740	ug/l	97
7) Trichlorofluoromethane	1.886	101	201936	55.136	ug/l	98
8) Diethyl Ether	2.136	74	77816	53.929	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	120606	52.516	ug/l	100
10) Methyl Iodide	2.453	142	129565	49.520	ug/l	99
11) Tert butyl alcohol	3.001	59	164733	261.343	ug/l	95
12) 1,1-Dichloroethene	2.319	96	122600	55.293	ug/l	93
13) Acrolein	2.239	56	33201	208.036	ug/l	98
14) Allyl chloride	2.666	41	161043	44.984	ug/l	95
15) Acrylonitrile	3.068	53	361553	266.810	ug/l	99
16) Acetone	2.386	43	293426	254.099	ug/l	98
17) Carbon Disulfide	2.514	76	302296	52.589	ug/l	100
18) Methyl Acetate	2.709	43	165972	54.361	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	401181	52.117	ug/l	99
20) Methylene Chloride	2.788	84	134709	52.376	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	130598	53.889	ug/l	98
22) Diisopropyl ether	3.763	45	360732	50.937	ug/l	92
23) Vinyl Acetate	3.727	43	1503531	254.306	ug/l	100
24) 1,1-Dichloroethane	3.611	63	224189	52.638	ug/l	100
25) 2-Butanone	4.562	43	461720	252.955	ug/l	97
26) 2,2-Dichloropropane	4.483	77	48815	14.726	ug/l	81
27) cis-1,2-Dichloroethene	4.495	96	150735	53.239	ug/l	88
28) Bromochloromethane	4.903	49	79197	48.670	ug/l	95
29) Tetrahydrofuran	5.013	42	308406	253.527	ug/l	97
30) Chloroform	5.099	83	234671	52.066	ug/l	100
31) Cyclohexane	5.476	56	202581	52.084	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	206757	52.008	ug/l	98
36) 1,1-Dichloropropene	5.696	75	174939	52.010	ug/l	98
37) Ethyl Acetate	4.721	43	177561	51.501	ug/l	99
38) Carbon Tetrachloride	5.678	117	176264	53.289	ug/l	98
39) Methylcyclohexane	7.385	83	213505	50.913	ug/l	98
40) Benzene	6.043	78	530400	53.198	ug/l	98

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41) Methacrylonitrile	4.922	41	94285	51.906	ug/l	99
42) 1,2-Dichloroethane	6.092	62	170824	49.841	ug/l	97
43) Isopropyl Acetate	6.342	43	272939	50.910	ug/l	99
44) Trichloroethene	7.129	130	150557	53.365	ug/l	96
45) 1,2-Dichloropropane	7.433	63	130588	53.404	ug/l	100
46) Dibromomethane	7.586	93	95051	54.083	ug/l	96
47) Bromodichloromethane	7.824	83	177757	52.487	ug/l	98
48) Methyl methacrylate	7.696	41	135328	51.482	ug/l	95
49) 1,4-Dioxane	7.696	88	68396	1009.190	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	878732	254.294	ug/l	99
52) Toluene	8.720	92	344457	53.952	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	154543	45.157	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	174088	45.427	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	139725	54.127	ug/l	99
56) Ethyl methacrylate	9.116	69	214998	55.131	ug/l	99
57) 1,3-Dichloropropane	9.311	76	228673	53.188	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	437119	238.560	ug/l	96
59) 2-Hexanone	9.433	43	671482	256.614	ug/l	99
60) Dibromochloromethane	9.525	129	139768	55.768	ug/l	97
61) 1,2-Dibromoethane	9.610	107	148948	55.654	ug/l	100
64) Tetrachloroethene	9.275	164	137580	55.590	ug/l	95
65) Chlorobenzene	10.079	112	367170	54.689	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	134289	55.696	ug/l	99
67) Ethyl Benzene	10.195	91	651854	53.962	ug/l	99
68) m/p-Xylenes	10.305	106	512263	108.740	ug/l	99
69) o-Xylene	10.646	106	252974	54.353	ug/l	100
70) Styrene	10.659	104	422962	55.502	ug/l	99
71) Bromoform	10.799	173	99271	58.069	ug/l	100
73) Isopropylbenzene	10.963	105	652121	52.582	ug/l	99
74) N-amyl acetate	10.847	43	221049	51.319	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	206095	51.400	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	180317m	50.041	ug/l	
77) Bromobenzene	11.201	156	153899	54.372	ug/l	97
78) n-propylbenzene	11.305	91	736213	52.707	ug/l	99
79) 2-Chlorotoluene	11.366	91	451218	52.170	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	553122	52.958	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	38743	35.768	ug/l	95
82) 4-Chlorotoluene	11.457	91	509234	51.630	ug/l	98
83) tert-Butylbenzene	11.719	119	539997	53.025	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	550014	52.800	ug/l	100
85) sec-Butylbenzene	11.890	105	668118	52.936	ug/l	100
86) p-Isopropyltoluene	12.012	119	563399	53.312	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	294342	54.590	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	290181	53.902	ug/l	98
89) n-Butylbenzene	12.335	91	454193	50.924	ug/l	99
90) Hexachloroethane	12.542	117	85622	56.583	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	285750	53.914	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	45282	50.967	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	174337	53.940	ug/l	98
94) Hexachlorobutadiene	13.725	225	66238	50.056	ug/l	93
95) Naphthalene	13.774	128	665781	57.383	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	176848	54.633	ug/l	95

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

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