

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061522\
 Data File : VX029518.D
 Acq On : 15 Jun 2022 20:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 16 04:16:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/16/2022
 Supervised By :Semsettin Yesilyurt 06/16/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	176471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	290712	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	304410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	120088	44.512	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.020%		
35) Dibromofluoromethane	5.391	113	108078	43.730	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	87.460%		
50) Toluene-d8	8.653	98	364725	41.726	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	83.460%		
62) 4-Bromofluorobenzene	11.086	95	153806	44.964	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	129201	46.120	ug/l	99
3) Chloromethane	1.288	50	145898	48.798	ug/l	97
4) Vinyl Chloride	1.374	62	142397	45.891	ug/l	99
5) Bromomethane	1.605	94	70751	42.570	ug/l	99
6) Chloroethane	1.679	64	89326	70.403	ug/l	97
7) Trichlorofluoromethane	1.886	101	210921	46.645	ug/l	97
8) Diethyl Ether	2.136	74	85149	48.312	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	129140	47.383	ug/l	99
10) Methyl Iodide	2.453	142	147238	43.932	ug/l	98
11) Tert butyl alcohol	2.989	59	171092	231.935	ug/l	97
12) 1,1-Dichloroethene	2.319	96	126883	47.829	ug/l	94
13) Acrolein	2.240	56	61322	188.168	ug/l	99
14) Allyl chloride	2.666	41	199834	46.928	ug/l	96
15) Acrylonitrile	3.069	53	404778	241.087	ug/l	99
16) Acetone	2.386	43	324977	227.640	ug/l	95
17) Carbon Disulfide	2.514	76	260445	39.886	ug/l	99
18) Methyl Acetate	2.709	43	182622	48.285	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	481452	52.574	ug/l	98
20) Methylene Chloride	2.788	84	147641	46.310	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	141628	47.568	ug/l	98
22) Diisopropyl ether	3.764	45	424663	49.403	ug/l #	90
23) Vinyl Acetate	3.727	43	1783791	250.317	ug/l	99
24) 1,1-Dichloroethane	3.611	63	251653	48.539	ug/l	99
25) 2-Butanone	4.568	43	543969	240.880	ug/l	99
26) 2,2-Dichloropropane	4.477	77	166949	45.167	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	167661	47.605	ug/l	94
28) Bromochloromethane	4.904	49	101643	49.871	ug/l	99
29) Tetrahydrofuran	5.013	42	355426	241.498	ug/l	95
30) Chloroform	5.099	83	270963	48.432	ug/l	97
31) Cyclohexane	5.477	56	229281	47.927	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	234579	48.666	ug/l	97
36) 1,1-Dichloropropene	5.696	75	196518	48.135	ug/l	99
37) Ethyl Acetate	4.721	43	208671	49.515	ug/l	99
38) Carbon Tetrachloride	5.684	117	181740	43.553	ug/l	99
39) Methylcyclohexane	7.385	83	243864	48.495	ug/l	98
40) Benzene	6.044	78	589696	48.518	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	116977	52.216	ug/l	94
42) 1,2-Dichloroethane	6.093	62	201681	47.771	ug/l	98
43) Isopropyl Acetate	6.342	43	331567	52.371	ug/l	99
44) Trichloroethene	7.129	130	169096	51.101	ug/l	95
45) 1,2-Dichloropropane	7.434	63	146152	48.911	ug/l	96
46) Dibromomethane	7.586	93	105455	48.716	ug/l	95
47) Bromodichloromethane	7.824	83	191633	46.904	ug/l	98
48) Methyl methacrylate	7.696	41	159838	50.195	ug/l	93
49) 1,4-Dioxane	7.678	88	75202	918.098	ug/l	100
51) 4-Methyl-2-Pentanone	8.580	43	1060245	255.882	ug/l	98
52) Toluene	8.720	92	389109	49.873	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	205220	46.296	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	230223	50.192	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	156284	49.520	ug/l	99
56) Ethyl methacrylate	9.116	69	246303	53.644	ug/l	95
57) 1,3-Dichloropropane	9.311	76	258413	48.576	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	587044	263.184	ug/l	96
59) 2-Hexanone	9.433	43	812749	257.988	ug/l	96
60) Dibromochloromethane	9.525	129	141720	46.416	ug/l	97
61) 1,2-Dibromoethane	9.610	107	166524	49.470	ug/l	99
64) Tetrachloroethene	9.275	164	146995	50.916	ug/l	94
65) Chlorobenzene	10.080	112	411414	49.025	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	142597	48.818	ug/l	99
67) Ethyl Benzene	10.195	91	743765	50.431	ug/l	98
68) m/p-Xylenes	10.305	106	571150	100.096	ug/l	99
69) o-Xylene	10.647	106	285366	51.466	ug/l	99
70) Styrene	10.659	104	477336	51.583	ug/l	98
71) Bromoform	10.805	173	91678	44.192	ug/l #	100
73) Isopropylbenzene	10.964	105	741722	51.182	ug/l	98
74) N-amyl acetate	10.848	43	272170	55.477	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	236784	48.414	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	213287m	49.606	ug/l	
77) Bromobenzene	11.201	156	172384	50.660	ug/l	96
78) n-propylbenzene	11.305	91	842954	51.261	ug/l	99
79) 2-Chlorotoluene	11.366	91	516025	50.956	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	631664	51.333	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	56703	41.409	ug/l #	87
82) 4-Chlorotoluene	11.457	91	594672	50.874	ug/l	99
83) tert-Butylbenzene	11.720	119	610405	51.124	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	630721	51.930	ug/l	99
85) sec-Butylbenzene	11.890	105	756584	51.603	ug/l	99
86) p-Isopropyltoluene	12.012	119	643160	52.326	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	326918	50.341	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	329237	49.849	ug/l	97
89) n-Butylbenzene	12.335	91	545059	52.598	ug/l	100
90) Hexachloroethane	12.543	117	79569	40.719	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	320834	49.826	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	50424	49.570	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	203075	53.433	ug/l	98
94) Hexachlorobutadiene	13.725	225	75747	47.940	ug/l	96
95) Naphthalene	13.774	128	769588	57.374	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	202127	53.336	ug/l	96

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

