

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060221\
 Data File : VX022328.D
 Acq On : 02 Jun 2021 10:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

SAM
 6/3/2021 5:44:51 PM

Quant Time: Jun 03 02:17:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	90169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	175096	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	74299	53.417	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.840%			
35) Dibromofluoromethane	5.391	113	55262	49.769	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.540%			
50) Toluene-d8	8.653	98	218914	51.180	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.360%			
62) 4-Bromofluorobenzene	11.085	95	84315	53.331	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	57009	52.006	ug/l	99
3) Chloromethane	1.294	50	62867	53.168	ug/l	99
4) Vinyl Chloride	1.373	62	64313	51.401	ug/l	99
5) Bromomethane	1.599	94	36447	49.965	ug/l	98
6) Chloroethane	1.678	64	38817	52.103	ug/l	99
7) Trichlorofluoromethane	1.886	101	93495	51.971	ug/l	94
8) Diethyl Ether	2.136	74	37883	48.965	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	56575	52.960	ug/l	91
10) Methyl Iodide	2.453	142	63340	55.173	ug/l	95
11) Tert butyl alcohol	2.977	59	83559	262.656	ug/l	99
12) 1,1-Dichloroethene	2.318	96	55246	53.459	ug/l	98
13) Acrolein	2.239	56	55945	265.148	ug/l	98
14) Allyl chloride	2.666	41	105295	55.474	ug/l	96
15) Acrylonitrile	3.068	53	177355	283.175	ug/l	99
16) Acetone	2.385	43	180744	298.432	ug/l	96
17) Carbon Disulfide	2.514	76	144751	53.479	ug/l	100
18) Methyl Acetate	2.709	43	88372	54.865	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	191180	54.004	ug/l	99
20) Methylene Chloride	2.794	84	66963	49.797	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	62466	55.571	ug/l	95
22) Diisopropyl ether	3.769	45	204592	55.963	ug/l #	95
23) Vinyl Acetate	3.727	43	1015989	288.639	ug/l	95
24) 1,1-Dichloroethane	3.617	63	117713	54.868	ug/l	98
25) 2-Butanone	4.568	43	290072	296.048	ug/l	94
26) 2,2-Dichloropropane	4.483	77	98697	51.824	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	73533	53.790	ug/l	98
28) Bromochloromethane	4.903	49	56531	54.316	ug/l	83
29) Tetrahydrofuran	5.013	42	163722	280.742	ug/l	90
30) Chloroform	5.098	83	116309	52.470	ug/l	99
31) Cyclohexane	5.470	56	99132	56.716	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	99735	52.654	ug/l	97
36) 1,1-Dichloropropene	5.696	75	89440	55.240	ug/l	97
37) Ethyl Acetate	4.720	43	111101	55.977	ug/l	94
38) Carbon Tetrachloride	5.684	117	82145	51.865	ug/l	95
39) Methylcyclohexane	7.385	83	102897	56.035	ug/l	96
40) Benzene	6.043	78	272142	54.628	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	59288	55.837	ug/l	95
42) 1,2-Dichloroethane	6.092	62	95250	54.575	ug/l	98
43) Isopropyl Acetate	6.348	43	184354	56.786	ug/l	93
44) Trichloroethene	7.129	130	65064	52.558	ug/l	92
45) 1,2-Dichloropropane	7.433	63	71864	56.550	ug/l	98
46) Dibromomethane	7.586	93	47499	55.093	ug/l #	85
47) Bromodichloromethane	7.824	83	89947	52.136	ug/l	97
48) Methyl methacrylate	7.696	41	85797	57.346	ug/l	90
49) 1,4-Dioxane	7.659	88	32575	1118.280	ug/l	95
51) 4-Methyl-2-Pentanone	8.579	43	567220	291.682	ug/l	91
52) Toluene	8.720	92	169623	53.765	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	107578	54.020	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	118316	55.262	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	68744	53.675	ug/l	97
56) Ethyl methacrylate	9.122	69	115668	55.881	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	121127	55.394	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	279020	249.236	ug/l	96
59) 2-Hexanone	9.433	43	436406	298.380	ug/l	90
60) Dibromochloromethane	9.524	129	64579	51.829	ug/l	99
61) 1,2-Dibromoethane	9.616	107	71000	55.678	ug/l	100
64) Tetrachloroethene	9.274	164	56254	53.039	ug/l #	88
65) Chlorobenzene	10.079	112	174575	51.912	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	60794	52.026	ug/l	97
67) Ethyl Benzene	10.195	91	328827	53.153	ug/l	100
68) m/p-Xylenes	10.305	106	246759	105.541	ug/l	99
69) o-Xylene	10.646	106	118662	52.184	ug/l	97
70) Styrene	10.658	104	203567	54.646	ug/l	98
71) Bromoform	10.805	173	40182	45.015	ug/l #	98
73) Isopropylbenzene	10.963	105	316455	50.860	ug/l	99
74) N-amyl acetate	10.847	43	168483	57.049	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	110898	53.774	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	101204m	55.803	ug/l	
77) Bromobenzene	11.201	156	66704	50.562	ug/l	85
78) n-propylbenzene	11.305	91	384949	52.821	ug/l	97
79) 2-Chlorotoluene	11.366	91	223381	50.536	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	266082	51.598	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	37828	49.420	ug/l	94
82) 4-Chlorotoluene	11.457	91	260220	51.098	ug/l	97
83) tert-Butylbenzene	11.719	119	247727	50.089	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	271433	52.293	ug/l	98
85) sec-Butylbenzene	11.896	105	329084	52.361	ug/l	97
86) p-Isopropyltoluene	12.012	119	271496	51.146	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	131513	51.703	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	130611	49.677	ug/l	97
89) n-Butylbenzene	12.335	91	265328	54.036	ug/l	98
90) Hexachloroethane	12.542	117	42290	48.206	ug/l	71
91) 1,2-Dichlorobenzene	12.341	146	123355	50.489	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23326	52.857	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	76455	51.860	ug/l	96
94) Hexachlorobutadiene	13.725	225	26245	45.610	ug/l	97
95) Naphthalene	13.780	128	311454	54.171	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	75498	50.803	ug/l	97

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

