

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022938.D
 Acq On : 25 Jun 2021 21:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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6/28/2021 12:01:27 PM

Quant Time: Jun 26 03:56:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	62268	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	124600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	114321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57439	50.829	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.660%			
35) Dibromofluoromethane	5.397	113	40714	51.456	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.920%			
50) Toluene-d8	8.653	98	152598	49.209	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.420%			
62) 4-Bromofluorobenzene	11.085	95	59621	51.516	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.040%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	44737	50.922	ug/l	99
3) Chloromethane	1.295	50	45534	47.200	ug/l	98
4) Vinyl Chloride	1.374	62	44509	49.999	ug/l	99
5) Bromomethane	1.599	94	26797	54.642	ug/l	94
6) Chloroethane	1.685	64	27335	49.686	ug/l	100
7) Trichlorofluoromethane	1.886	101	66392	51.340	ug/l	98
8) Diethyl Ether	2.142	74	25129	50.344	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.325	101	40608	50.154	ug/l	91
10) Methyl Iodide	2.453	142	37002	38.936	ug/l	94
11) Tert butyl alcohol	2.977	59	60760	257.988	ug/l	98
12) 1,1-Dichloroethene	2.319	96	40543	50.188	ug/l	89
13) Acrolein	2.240	56	34283	234.048	ug/l	99
14) Allyl chloride	2.666	41	77465	50.475	ug/l	92
15) Acrylonitrile	3.075	53	149804	278.247	ug/l	99
16) Acetone	2.392	43	128089	255.680	ug/l	94
17) Carbon Disulfide	2.514	76	101818	46.521	ug/l	100
18) Methyl Acetate	2.715	43	66769	54.156	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	154210	53.233	ug/l	96
20) Methylene Chloride	2.794	84	48967	49.288	ug/l	# 80
21) trans-1,2-Dichloroethene	3.093	96	45318	50.569	ug/l	95
22) Diisopropyl ether	3.770	45	168967	52.929	ug/l	# 92
23) Vinyl Acetate	3.733	43	755252	282.020	ug/l	# 93
24) 1,1-Dichloroethane	3.617	63	89408	52.423	ug/l	98
25) 2-Butanone	4.568	43	212403	272.645	ug/l	90
26) 2,2-Dichloropropane	4.489	77	52880	40.858	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	52516	52.800	ug/l	96
28) Bromochloromethane	4.910	49	40915	50.921	ug/l	# 76
29) Tetrahydrofuran	5.019	42	137279	273.956	ug/l	87
30) Chloroform	5.105	83	88732	51.723	ug/l	98
31) Cyclohexane	5.483	56	80353	50.366	ug/l	93
32) 1,1,1-Trichloroethane	5.397	97	74328	53.927	ug/l	95
36) 1,1-Dichloropropene	5.702	75	67609	51.085	ug/l	95
37) Ethyl Acetate	4.721	43	81508	53.168	ug/l	# 93
38) Carbon Tetrachloride	5.684	117	58621	52.810	ug/l	97
39) Methylcyclohexane	7.385	83	74759	48.425	ug/l	96
40) Benzene	6.044	78	193340	50.662	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	43416	51.407	ug/l	91
42) 1,2-Dichloroethane	6.099	62	75085	53.476	ug/l	96
43) Isopropyl Acetate	6.349	43	132566	53.785	ug/l #	91
44) Trichloroethene	7.135	130	45836	50.647	ug/l	94
45) 1,2-Dichloropropane	7.440	63	52071	52.900	ug/l	98
46) Dibromomethane	7.586	93	33789	51.741	ug/l #	84
47) Bromodichloromethane	7.830	83	63794	48.189	ug/l #	98
48) Methyl methacrylate	7.702	41	62694	54.961	ug/l	85
49) 1,4-Dioxane	7.665	88	26116	1063.561	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	422362	275.340	ug/l	88
52) Toluene	8.726	92	116414	50.462	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	70002	44.974	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	77238	46.329	ug/l #	92
55) 1,1,2-Trichloroethane	9.159	97	47894	51.745	ug/l	98
56) Ethyl methacrylate	9.122	69	80283	47.132	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	86157	51.208	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	207843	244.846	ug/l	94
59) 2-Hexanone	9.433	43	322882	277.452	ug/l	87
60) Dibromochloromethane	9.525	129	42064	46.660	ug/l	97
61) 1,2-Dibromoethane	9.616	107	48340	51.423	ug/l	100
64) Tetrachloroethene	9.281	164	39029	48.581	ug/l #	89
65) Chlorobenzene	10.086	112	118862	49.371	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	41033	52.738	ug/l	98
67) Ethyl Benzene	10.195	91	226460	51.082	ug/l	96
68) m/p-Xylenes	10.305	106	166302	101.012	ug/l	94
69) o-Xylene	10.647	106	80287	50.106	ug/l	93
70) Styrene	10.659	104	136519	51.331	ug/l	95
71) Bromoform	10.805	173	25007	45.235	ug/l #	98
73) Isopropylbenzene	10.964	105	213104	50.783	ug/l	99
74) N-amyl acetate	10.848	43	114337	48.343	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.214	83	73598	51.064	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	67847m	51.793	ug/l	
77) Bromobenzene	11.201	156	43062	49.348	ug/l	77
78) n-propylbenzene	11.305	91	264413	52.076	ug/l	96
79) 2-Chlorotoluene	11.366	91	156392	51.015	ug/l	94
80) 1,3,5-Trimethylbenzene	11.457	105	182005	52.820	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.025	75	19418	41.336	ug/l #	80
82) 4-Chlorotoluene	11.457	91	181103	51.118	ug/l	94
83) tert-Butylbenzene	11.720	119	163780	50.331	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	180782	52.128	ug/l	97
85) sec-Butylbenzene	11.896	105	226737	51.667	ug/l	97
86) p-Isopropyltoluene	12.012	119	182086	52.215	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	86910	51.623	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	86955	49.395	ug/l	95
89) n-Butylbenzene	12.335	91	177526	53.541	ug/l	95
90) Hexachloroethane	12.543	117	29122	45.511	ug/l	70
91) 1,2-Dichlorobenzene	12.341	146	83094	50.570	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16477	48.531	ug/l	71
93) 1,2,4-Trichlorobenzene	13.591	180	48815	53.565	ug/l	96
94) Hexachlorobutadiene	13.725	225	18485	51.765	ug/l	98
95) Naphthalene	13.780	128	200167	49.532	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	50236	54.727	ug/l	96

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

