

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
 Data File : VX021727.D
 Acq On : 01 Apr 2021 22:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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4/2/2021 12:55:17 PM

Quant Time: Apr 02 03:34:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	71325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	120975	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	115351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	56539	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	60372	50.87	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.74%			
35) Dibromofluoromethane	5.464	113	42474	49.43	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.86%			
50) Toluene-d8	8.694	98	150623	49.19	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.38%			
62) 4-Bromofluorobenzene	11.118	95	60221	50.58	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	33510	42.74	ug/l	100
3) Chloromethane	1.311	50	40240	44.65	ug/l	99
4) Vinyl Chloride	1.393	62	38918	48.53	ug/l	98
5) Bromomethane	1.622	94	16254	50.37	ug/l	99
6) Chloroethane	1.705	64	25743	50.62	ug/l	99
7) Trichlorofluoromethane	1.911	101	66797	51.22	ug/l	97
8) Diethyl Ether	2.170	74	24162	53.39	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.364	101	36046	49.10	ug/l	96
10) Methyl Iodide	2.487	142	29101	50.66	ug/l	91
11) Tert butyl alcohol	3.023	59	48970	249.60	ug/l	98
12) 1,1-Dichloroethene	2.352	96	34398	47.85	ug/l	87
13) Acrolein	2.275	56	22510	227.85	ug/l	99
14) Allyl chloride	2.705	41	71785	49.20	ug/l #	89
15) Acrylonitrile	3.117	53	122352	262.41	ug/l	96
16) Acetone	2.422	43	114425	255.01	ug/l #	86
17) Carbon Disulfide	2.546	76	80661	39.96	ug/l	100
18) Methyl Acetate	2.746	43	76413	58.95	ug/l	90
19) Methyl tert-butyl Ether	3.170	73	143137	53.32	ug/l	99
20) Methylene Chloride	2.834	84	42936	49.03	ug/l	88
21) trans-1,2-Dichloroethene	3.140	96	38794	49.13	ug/l	93
22) Diisopropyl ether	3.823	45	152314	53.73	ug/l	92
23) Vinyl Acetate	3.787	43	626972	261.50	ug/l #	92
24) 1,1-Dichloroethane	3.664	63	79333	51.91	ug/l	97
25) 2-Butanone	4.635	43	176845	259.99	ug/l	90
26) 2,2-Dichloropropane	4.546	77	59073	44.62	ug/l	96
27) cis-1,2-Dichloroethene	4.558	96	46718	50.96	ug/l	93
28) Bromochloromethane	4.982	49	37954	49.61	ug/l	87
29) Tetrahydrofuran	5.088	42	115348	261.55	ug/l #	85
30) Chloroform	5.176	83	87046	53.97	ug/l	99
31) Cyclohexane	5.546	56	61508	47.13	ug/l	93
32) 1,1,1-Trichloroethane	5.464	97	75231	52.64	ug/l	97
36) 1,1-Dichloropropene	5.764	75	57200	48.26	ug/l	98
37) Ethyl Acetate	4.793	43	67178	49.01	ug/l #	93
38) Carbon Tetrachloride	5.752	117	65069	51.08	ug/l	99
39) Methylcyclohexane	7.441	83	60066	45.71	ug/l	95
40) Benzene	6.111	78	170159	50.55	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	39589	49.80	ug/l	89
42) 1,2-Dichloroethane	6.158	62	74463	51.02	ug/l	94
43) Isopropyl Acetate	6.411	43	114539	51.47	ug/l #	91
44) Trichloroethene	7.188	130	45310	51.01	ug/l	95
45) 1,2-Dichloropropane	7.488	63	47094	51.65	ug/l	99
46) Dibromomethane	7.635	93	33672	50.67	ug/l	95
47) Bromodichloromethane	7.876	83	71040	52.52	ug/l	99
48) Methyl methacrylate	7.747	41	61777	52.04	ug/l #	83
49) 1,4-Dioxane	7.711	88	20067	944.17	ug/l #	87
51) 4-Methyl-2-Pentanone	8.617	43	369810	270.16	ug/l	88
52) Toluene	8.765	92	106042	51.01	ug/l	96
53) t-1,3-Dichloropropene	9.017	75	69815	51.12	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	74563	51.30	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	47259	53.86	ug/l	99
56) Ethyl methacrylate	9.159	69	71451	48.28	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	79264	52.78	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	194611	262.43	ug/l	96
59) 2-Hexanone	9.470	43	278703	271.15	ug/l	85
60) Dibromochloromethane	9.565	129	53788	54.73	ug/l	99
61) 1,2-Dibromoethane	9.653	107	49353	52.36	ug/l	99
64) Tetrachloroethene	9.318	164	41866	54.18	ug/l	93
65) Chlorobenzene	10.118	112	115459	49.82	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.200	131	46612	52.49	ug/l	99
67) Ethyl Benzene	10.235	91	213474	50.54	ug/l	96
68) m/p-Xylenes	10.341	106	155038	103.03	ug/l	94
69) o-Xylene	10.682	106	76366	52.39	ug/l	96
70) Styrene	10.694	104	130411	52.03	ug/l	96
71) Bromoform	10.841	173	38738	53.68	ug/l #	100
73) Isopropylbenzene	11.000	105	208213	52.41	ug/l	100
74) N-amyl acetate	10.877	43	101160	52.63	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	71591	51.00	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	69965m	53.16	ug/l	
77) Bromobenzene	11.235	156	51232	52.03	ug/l	96
78) n-propylbenzene	11.341	91	237885	50.71	ug/l	99
79) 2-Chlorotoluene	11.406	91	146855	51.60	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	177170	52.20	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	21401	49.53	ug/l #	85
82) 4-Chlorotoluene	11.494	91	173437	51.33	ug/l	97
83) tert-Butylbenzene	11.753	119	167374	50.65	ug/l	91
84) 1,2,4-Trimethylbenzene	11.788	105	178651	52.22	ug/l	97
85) sec-Butylbenzene	11.930	105	200589	52.63	ug/l	99
86) p-Isopropyltoluene	12.047	119	181025	52.17	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	92264	52.03	ug/l	98
88) 1,4-Dichlorobenzene	12.077	146	90491	49.33	ug/l	97
89) n-Butylbenzene	12.371	91	158723	49.93	ug/l	96
90) Hexachloroethane	12.577	117	32764	52.32	ug/l	96
91) 1,2-Dichlorobenzene	12.377	146	90018	52.21	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	17183	48.63	ug/l	80
93) 1,2,4-Trichlorobenzene	13.630	180	57106	50.53	ug/l	97
94) Hexachlorobutadiene	13.765	225	23932	46.92	ug/l	97
95) Naphthalene	13.818	128	194152	52.68	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	56731	50.22	ug/l	95

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

