

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021447.D
 Acq On : 24 Mar 2021 19:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 9:50:25 AM

Quant Time: Mar 25 02:55:35 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	80516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	133800	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	125680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	61472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	65683	49.03	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.06%		
35) Dibromofluoromethane	5.464	113	46503	48.93	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.86%		
50) Toluene-d8	8.694	98	167425	49.43	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.86%		
62) 4-Bromofluorobenzene	11.118	95	64948	49.32	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.64%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	44829	50.65	ug/l	98
3) Chloromethane	1.311	50	52948	52.04	ug/l	100
4) Vinyl Chloride	1.393	62	47133	52.07	ug/l	99
5) Bromomethane	1.622	94	19693	54.06	ug/l	94
6) Chloroethane	1.705	64	29578	51.52	ug/l	97
7) Trichlorofluoromethane	1.911	101	75824	51.50	ug/l	94
8) Diethyl Ether	2.170	74	25909	50.71	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.364	101	41351	49.90	ug/l	95
10) Methyl Iodide	2.487	142	31679	49.09	ug/l #	86
11) Tert butyl alcohol	3.023	59	54744	247.18	ug/l	97
12) 1,1-Dichloroethene	2.352	96	40566	49.99	ug/l	88
13) Acrolein	2.275	56	26149	234.34	ug/l	98
14) Allyl chloride	2.705	41	81704	49.61	ug/l #	88
15) Acrylonitrile	3.117	53	138236	262.63	ug/l	97
16) Acetone	2.423	43	127849	252.40	ug/l	89
17) Carbon Disulfide	2.546	76	107622	47.23	ug/l	100
18) Methyl Acetate	2.752	43	80230	54.82	ug/l #	89
19) Methyl tert-butyl Ether	3.170	73	159431	52.61	ug/l	99
20) Methylene Chloride	2.834	84	49440	50.02	ug/l #	87
21) trans-1,2-Dichloroethene	3.140	96	44162	49.55	ug/l	88
22) Diisopropyl ether	3.823	45	166519	52.04	ug/l	91
23) Vinyl Acetate	3.787	43	712943	263.41	ug/l #	93
24) 1,1-Dichloroethane	3.670	63	88230	51.14	ug/l	97
25) 2-Butanone	4.635	43	199743	260.13	ug/l	90
26) 2,2-Dichloropropane	4.546	77	68225	45.65	ug/l	96
27) cis-1,2-Dichloroethene	4.564	96	53608	51.80	ug/l	92
28) Bromochloromethane	4.982	49	41618	48.19	ug/l	84
29) Tetrahydrofuran	5.088	42	130902	262.93	ug/l #	85
30) Chloroform	5.176	83	93974	51.61	ug/l	99
31) Cyclohexane	5.546	56	74970	50.89	ug/l	89
32) 1,1,1-Trichloroethane	5.464	97	83802	51.94	ug/l	96
36) 1,1-Dichloropropene	5.770	75	66511	50.73	ug/l	95
37) Ethyl Acetate	4.793	43	75716	49.95	ug/l #	93
38) Carbon Tetrachloride	5.752	117	72655	51.57	ug/l	97
39) Methylcyclohexane	7.441	83	72689	50.01	ug/l	92
40) Benzene	6.111	78	194034	52.12	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	43718	49.72	ug/l	89
42) 1,2-Dichloroethane	6.158	62	83507	51.74	ug/l	94
43) Isopropyl Acetate	6.411	43	128820	52.34	ug/l #	91
44) Trichloroethene	7.188	130	49958	50.85	ug/l	91
45) 1,2-Dichloropropane	7.488	63	52532	52.09	ug/l	99
46) Dibromomethane	7.641	93	37512	51.03	ug/l	92
47) Bromodichloromethane	7.876	83	77301	51.68	ug/l	95
48) Methyl methacrylate	7.747	41	69495	52.93	ug/l #	82
49) 1,4-Dioxane	7.711	88	23082	981.93	ug/l #	89
51) 4-Methyl-2-Pentanone	8.617	43	409993	270.81	ug/l	88
52) Toluene	8.765	92	121933	53.03	ug/l	99
53) t-1,3-Dichloropropene	9.023	75	78879	52.22	ug/l	99
54) cis-1,3-Dichloropropene	8.417	75	83756	52.11	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	51892	53.47	ug/l	97
56) Ethyl methacrylate	9.159	69	79722	48.69	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	86614	52.15	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.294	63	215920	263.25	ug/l	95
59) 2-Hexanone	9.470	43	306065	269.23	ug/l	85
60) Dibromochloromethane	9.565	129	58396	53.72	ug/l	100
61) 1,2-Dibromoethane	9.653	107	54046	51.84	ug/l	98
64) Tetrachloroethene	9.318	164	44928	53.37	ug/l	92
65) Chlorobenzene	10.124	112	129601	51.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	49628	51.30	ug/l	96
67) Ethyl Benzene	10.235	91	241374	52.45	ug/l	98
68) m/p-Xylenes	10.341	106	172763	105.37	ug/l	91
69) o-Xylene	10.682	106	84490	53.20	ug/l	95
70) Styrene	10.694	104	145034	53.11	ug/l	95
71) Bromoform	10.841	173	40198	51.13	ug/l #	97
73) Isopropylbenzene	11.000	105	233608	54.09	ug/l	97
74) N-amyl acetate	10.882	43	109571	52.43	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	79256	51.93	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	75556m	52.80	ug/l	
77) Bromobenzene	11.235	156	55200	51.56	ug/l	95
78) n-propylbenzene	11.341	91	269943	52.92	ug/l	98
79) 2-Chlorotoluene	11.406	91	160201	51.78	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	197718	53.58	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	23891	50.85	ug/l #	84
82) 4-Chlorotoluene	11.494	91	188258	51.24	ug/l	97
83) tert-Butylbenzene	11.753	119	192726	53.64	ug/l	93
84) 1,2,4-Trimethylbenzene	11.788	105	197058	52.98	ug/l	97
85) sec-Butylbenzene	11.930	105	214848	51.84	ug/l	99
86) p-Isopropyltoluene	12.047	119	199758	52.95	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	97568	50.60	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	97553	48.91	ug/l	98
89) n-Butylbenzene	12.371	91	179984	52.08	ug/l	96
90) Hexachloroethane	12.577	117	35186	51.68	ug/l	92
91) 1,2-Dichlorobenzene	12.377	146	96517	51.49	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	18746	48.79	ug/l	79
93) 1,2,4-Trichlorobenzene	13.630	180	60551	49.28	ug/l	98
94) Hexachlorobutadiene	13.765	225	25243	45.52	ug/l	98
95) Naphthalene	13.818	128	213808	53.35	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	61819	50.34	ug/l	99

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

