

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021400.D
 Acq On : 23 Mar 2021 21:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 2:58:33 PM

Quant Time: Mar 24 02:01:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	80721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	134086	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	124006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	60262	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	64013	48.35	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.70%		
35) Dibromofluoromethane	5.464	113	45810	50.21	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.42%		
50) Toluene-d8	8.694	98	163525	49.40	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.80%		
62) 4-Bromofluorobenzene	11.118	95	63246	49.19	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.38%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.181	85	45153	46.82	ug/l	99
3) Chloromethane	1.311	50	55269	39.35	ug/l	98
4) Vinyl Chloride	1.393	62	47278	48.14	ug/l	100
5) Bromomethane	1.623	94	22489	52.42	ug/l	97
6) Chloroethane	1.699	64	29478	49.11	ug/l	99
7) Trichlorofluoromethane	1.905	101	76199	51.46	ug/l	96
8) Diethyl Ether	2.170	74	26439	50.75	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.358	101	41604	49.32	ug/l	96
10) Methyl Iodide	2.487	142	38780	52.66	ug/l #	86
11) Tert butyl alcohol	3.023	59	57208	257.20	ug/l	98
12) 1,1-Dichloroethene	2.352	96	40535	49.26	ug/l	88
13) Acrolein	2.276	56	35798	269.07	ug/l	99
14) Allyl chloride	2.705	41	82405	48.59	ug/l #	88
15) Acrylonitrile	3.117	53	139329	269.41	ug/l	97
16) Acetone	2.423	43	131579	270.10	ug/l	88
17) Carbon Disulfide	2.546	76	105121	43.95	ug/l	99
18) Methyl Acetate	2.752	43	72027	53.95	ug/l #	89
19) Methyl tert-butyl Ether	3.170	73	160222	51.88	ug/l	99
20) Methylene Chloride	2.834	84	48898	48.81	ug/l #	83
21) trans-1,2-Dichloroethene	3.140	96	44731	48.69	ug/l	89
22) Diisopropyl ether	3.829	45	167750	51.48	ug/l	93
23) Vinyl Acetate	3.788	43	742981	261.37	ug/l #	93
24) 1,1-Dichloroethane	3.670	63	89516	50.87	ug/l	97
25) 2-Butanone	4.635	43	205046	273.72	ug/l	91
26) 2,2-Dichloropropane	4.552	77	70026	45.61	ug/l	96
27) cis-1,2-Dichloroethene	4.558	96	54048	51.20	ug/l	92
28) Bromochloromethane	4.976	49	41196	49.69	ug/l	86
29) Tetrahydrofuran	5.094	42	131799	266.39	ug/l	87
30) Chloroform	5.170	83	96117	52.47	ug/l	98
31) Cyclohexane	5.547	56	75614	47.24	ug/l	91
32) 1,1,1-Trichloroethane	5.464	97	85093	52.42	ug/l	96
36) 1,1-Dichloropropene	5.770	75	65897	48.78	ug/l	98
37) Ethyl Acetate	4.794	43	79008	50.46	ug/l #	93
38) Carbon Tetrachloride	5.752	117	72842	51.92	ug/l	98
39) Methylcyclohexane	7.441	83	74295	49.53	ug/l	91
40) Benzene	6.111	78	195502	52.51	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	45666	50.83	ug/l	90
42) 1,2-Dichloroethane	6.158	62	83820	52.18	ug/l	93
43) Isopropyl Acetate	6.411	43	131297	51.14	ug/l #	91
44) Trichloroethene	7.182	130	50192	50.75	ug/l	97
45) 1,2-Dichloropropane	7.488	63	52177	52.16	ug/l	100
46) Dibromomethane	7.635	93	38158	52.12	ug/l	91
47) Bromodichloromethane	7.876	83	78607	53.55	ug/l	99
48) Methyl methacrylate	7.747	41	70061	51.45	ug/l #	82
49) 1,4-Dioxane	7.712	88	24254	1046.26	ug/l #	90
51) 4-Methyl-2-Pentanone	8.618	43	414699	277.63	ug/l	88
52) Toluene	8.765	92	123825	53.78	ug/l	99
53) t-1,3-Dichloropropene	9.023	75	80083	51.42	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	85153	51.20	ug/l #	84
55) 1,1,2-Trichloroethane	9.194	97	51303	54.47	ug/l	97
56) Ethyl methacrylate	9.159	69	80799	53.35	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	86704	52.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	209843	253.50	ug/l	96
59) 2-Hexanone	9.471	43	310782	277.98	ug/l	85
60) Dibromochloromethane	9.565	129	58311	54.36	ug/l	100
61) 1,2-Dibromoethane	9.653	107	55439	53.70	ug/l	99
64) Tetrachloroethene	9.318	164	44535	48.09	ug/l	90
65) Chlorobenzene	10.118	112	131393	51.54	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	52088	55.07	ug/l	99
67) Ethyl Benzene	10.235	91	242261	51.38	ug/l	97
68) m/p-Xylenes	10.341	106	173325	102.90	ug/l	91
69) o-Xylene	10.683	106	86053	52.57	ug/l	95
70) Styrene	10.694	104	145554	52.99	ug/l	96
71) Bromoform	10.841	173	40518	52.99	ug/l #	96
73) Isopropylbenzene	11.000	105	232107	51.85	ug/l	99
74) N-amyl acetate	10.883	43	113314	49.90	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	79099	53.23	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	76955m	55.05	ug/l	
77) Bromobenzene	11.241	156	55218	51.99	ug/l	95
78) n-propylbenzene	11.341	91	269969	51.57	ug/l	97
79) 2-Chlorotoluene	11.406	91	162760	51.20	ug/l	97
80) 1,3,5-Trimethylbenzene	11.489	105	197920	52.25	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.059	75	24405	47.40	ug/l #	84
82) 4-Chlorotoluene	11.494	91	192782	51.50	ug/l	96
83) tert-Butylbenzene	11.753	119	186282	51.66	ug/l	90
84) 1,2,4-Trimethylbenzene	11.789	105	198566	51.55	ug/l	97
85) sec-Butylbenzene	11.930	105	222583	52.37	ug/l	99
86) p-Isopropyltoluene	12.047	119	202704	52.05	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	98973	51.09	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	97895	49.42	ug/l	97
89) n-Butylbenzene	12.371	91	184647	52.03	ug/l	96
90) Hexachloroethane	12.577	117	35545	59.93	ug/l	96
91) 1,2-Dichlorobenzene	12.377	146	97915	51.83	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	19243	50.49	ug/l	80
93) 1,2,4-Trichlorobenzene	13.630	180	66440	53.50	ug/l	99
94) Hexachlorobutadiene	13.765	225	28613	54.91	ug/l	96
95) Naphthalene	13.818	128	216905	50.75	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	64599	52.23	ug/l	99

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

