

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021474.D
 Acq On : 25 Mar 2021 10:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/26/2021 1:13:48 PM

Quant Time: Mar 25 15:52:12 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	5.623	168	75148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	122145	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	117244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	57037	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	60434	48.33	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.66%		
35) Dibromofluoromethane	5.458	113	41957	48.36	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.72%		
50) Toluene-d8	8.694	98	155010	50.14	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.28%		
62) 4-Bromofluorobenzene	11.118	95	61081	50.81	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.62%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.181	85	40940	49.56	ug/l	100
3) Chloromethane	1.311	50	49377	52.00	ug/l	99
4) Vinyl Chloride	1.393	62	43338	51.30	ug/l	96
5) Bromomethane	1.623	94	18423	54.18	ug/l	99
6) Chloroethane	1.699	64	26911	50.22	ug/l	99
7) Trichlorofluoromethane	1.905	101	70247	51.12	ug/l	92
8) Diethyl Ether	2.164	74	23047	48.33	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.358	101	39936	51.63	ug/l	96
10) Methyl Iodide	2.487	142	28203	47.13	ug/l #	89
11) Tert butyl alcohol	3.017	59	48375	234.02	ug/l	96
12) 1,1-Dichloroethene	2.352	96	36119	47.69	ug/l	85
13) Acrolein	2.276	56	23339	224.29	ug/l	99
14) Allyl chloride	2.705	41	75457	49.09	ug/l #	88
15) Acrylonitrile	3.111	53	122100	248.55	ug/l	98
16) Acetone	2.423	43	123560	261.36	ug/l #	86
17) Carbon Disulfide	2.546	76	97843	46.01	ug/l	99
18) Methyl Acetate	2.746	43	71911	52.65	ug/l #	89
19) Methyl tert-butyl Ether	3.164	73	141567	50.06	ug/l	99
20) Methylene Chloride	2.829	84	44807	48.57	ug/l #	85
21) trans-1,2-Dichloroethene	3.135	96	41239	49.57	ug/l	91
22) Diisopropyl ether	3.823	45	151089	50.59	ug/l	97
23) Vinyl Acetate	3.782	43	638747	252.85	ug/l #	92
24) 1,1-Dichloroethane	3.664	63	81469	50.60	ug/l	97
25) 2-Butanone	4.629	43	180243	251.50	ug/l	90
26) 2,2-Dichloropropane	4.547	77	70937	50.86	ug/l	95
27) cis-1,2-Dichloroethene	4.558	96	47826	49.51	ug/l	90
28) Bromochloromethane	4.976	49	38330	47.55	ug/l	82
29) Tetrahydrofuran	5.088	42	115317	248.18	ug/l #	86
30) Chloroform	5.170	83	86136	50.69	ug/l	99
31) Cyclohexane	5.541	56	70211	51.07	ug/l	89
32) 1,1,1-Trichloroethane	5.458	97	75913	50.41	ug/l	96
36) 1,1-Dichloropropene	5.764	75	61708	51.56	ug/l	96
37) Ethyl Acetate	4.794	43	67148	48.52	ug/l #	93
38) Carbon Tetrachloride	5.747	117	67873	52.78	ug/l	99
39) Methylcyclohexane	7.435	83	69766	52.58	ug/l	92
40) Benzene	6.111	78	176040	51.80	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.000	41	39313	48.98	ug/l	88
42) 1,2-Dichloroethane	6.159	62	77030	52.28	ug/l	92
43) Isopropyl Acetate	6.406	43	112460	50.05	ug/l #	91
44) Trichloroethene	7.182	130	45621	50.87	ug/l	98
45) 1,2-Dichloropropane	7.488	63	47857	51.98	ug/l	100
46) Dibromomethane	7.635	93	34420	51.30	ug/l	92
47) Bromodichloromethane	7.870	83	71881	52.64	ug/l	99
48) Methyl methacrylate	7.741	41	60933	50.83	ug/l #	82
49) 1,4-Dioxane	7.712	88	22715	1058.53	ug/l #	89
51) 4-Methyl-2-Pentanone	8.618	43	366953	265.51	ug/l	88
52) Toluene	8.765	92	111870	53.29	ug/l	98
53) t-1,3-Dichloropropene	9.024	75	73244	53.12	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	78190	53.29	ug/l #	83
55) 1,1,2-Trichloroethane	9.194	97	47973	54.15	ug/l	99
56) Ethyl methacrylate	9.159	69	71569	47.91	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	80377	53.01	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	195648	261.30	ug/l	96
59) 2-Hexanone	9.471	43	279171	269.00	ug/l	85
60) Dibromochloromethane	9.565	129	55449	55.88	ug/l	99
61) 1,2-Dibromoethane	9.653	107	49657	52.17	ug/l	99
64) Tetrachloroethene	9.318	164	41533	52.88	ug/l	94
65) Chlorobenzene	10.118	112	121773	51.70	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	47642	52.79	ug/l	99
67) Ethyl Benzene	10.236	91	227810	53.06	ug/l	98
68) m/p-Xylenes	10.341	106	163966	107.20	ug/l	92
69) o-Xylene	10.683	106	78563	53.03	ug/l	93
70) Styrene	10.694	104	135790	53.30	ug/l	95
71) Bromoform	10.841	173	38595	52.62	ug/l #	100
73) Isopropylbenzene	11.000	105	222114	55.43	ug/l	98
74) N-amyl acetate	10.883	43	100830	52.00	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	74247	52.43	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	62232m	46.87	ug/l	
77) Bromobenzene	11.236	156	52484	52.83	ug/l	95
78) n-propylbenzene	11.342	91	261729	55.30	ug/l	97
79) 2-Chlorotoluene	11.406	91	156399	54.48	ug/l	97
80) 1,3,5-Trimethylbenzene	11.489	105	191534	55.94	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	23517	53.95	ug/l #	85
82) 4-Chlorotoluene	11.495	91	185911	54.54	ug/l	97
83) tert-Butylbenzene	11.753	119	177465	53.24	ug/l	90
84) 1,2,4-Trimethylbenzene	11.789	105	193538	56.08	ug/l	98
85) sec-Butylbenzene	11.930	105	218061	56.71	ug/l	100
86) p-Isopropyltoluene	12.048	119	199473	56.99	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	96608	54.00	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	99102	53.55	ug/l	98
89) n-Butylbenzene	12.371	91	182247	56.83	ug/l	96
90) Hexachloroethane	12.577	117	34494	54.61	ug/l	95
91) 1,2-Dichlorobenzene	12.377	146	92975	53.45	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	17241	48.38	ug/l	79
93) 1,2,4-Trichlorobenzene	13.630	180	61726	54.15	ug/l	97
94) Hexachlorobutadiene	13.765	225	28795	55.96	ug/l	94
95) Naphthalene	13.818	128	197569	53.14	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	59717	52.41	ug/l	98

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

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