

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021374.D
 Acq On : 23 Mar 2021 10:36
 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
 3/24/2021 6:15:50 PM

Quant Time: Mar 23 15:02:18 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	80996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.823	114	129916	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	123754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	62902	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	61949	46.63	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.26%		
35) Dibromofluoromethane	5.458	113	44510	50.35	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.70%		
50) Toluene-d8	8.694	98	159977	49.88	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.76%		
62) 4-Bromofluorobenzene	11.118	95	65130	52.29	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.58%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	47417	49.00	ug/l	99
3) Chloromethane	1.311	50	57096	40.58	ug/l	99
4) Vinyl Chloride	1.393	62	47561	48.26	ug/l	98
5) Bromomethane	1.623	94	21109	49.04	ug/l	97
6) Chloroethane	1.699	64	28670	47.61	ug/l	98
7) Trichlorofluoromethane	1.911	101	76998	51.83	ug/l	98
8) Diethyl Ether	2.170	74	25415	48.62	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.358	101	43598	51.51	ug/l	95
10) Methyl Iodide	2.487	142	37552	50.82	ug/l #	89
11) Tert butyl alcohol	3.017	59	51614	231.26	ug/l	98
12) 1,1-Dichloroethene	2.352	96	39548	47.89	ug/l	87
13) Acrolein	2.270	56	37108	277.86	ug/l	99
14) Allyl chloride	2.705	41	81114	47.67	ug/l	87
15) Acrylonitrile	3.111	53	128522	247.67	ug/l	98
16) Acetone	2.417	43	106880	218.65	ug/l #	86
17) Carbon Disulfide	2.546	76	108527	45.21	ug/l	98
18) Methyl Acetate	2.746	43	63767	47.60	ug/l	90
19) Methyl tert-butyl Ether	3.164	73	155849	50.30	ug/l	99
20) Methylene Chloride	2.829	84	48048	47.79	ug/l #	85
21) trans-1,2-Dichloroethene	3.135	96	44368	48.13	ug/l	89
22) Diisopropyl ether	3.823	45	163337	49.96	ug/l	96
23) Vinyl Acetate	3.782	43	709588	248.77	ug/l #	93
24) 1,1-Dichloroethane	3.664	63	86824	49.18	ug/l	97
25) 2-Butanone	4.629	43	176876	235.31	ug/l	91
26) 2,2-Dichloropropane	4.541	77	78914	51.23	ug/l	95
27) cis-1,2-Dichloroethene	4.558	96	52405	49.48	ug/l	91
28) Bromochloromethane	4.976	49	40075	48.18	ug/l	86
29) Tetrahydrofuran	5.088	42	116897	235.47	ug/l	87
30) Chloroform	5.170	83	93415	50.82	ug/l	99
31) Cyclohexane	5.547	56	76438	47.60	ug/l	92
32) 1,1,1-Trichloroethane	5.452	97	83706	51.39	ug/l	96
36) 1,1-Dichloropropene	5.764	75	66817	51.05	ug/l	97
37) Ethyl Acetate	4.788	43	71050	46.84	ug/l #	93
38) Carbon Tetrachloride	5.747	117	73203	53.85	ug/l	99
39) Methylcyclohexane	7.435	83	77373	53.24	ug/l	92
40) Benzene	6.106	78	190220	52.73	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.994	41	42052	48.31	ug/l	88
42) 1,2-Dichloroethane	6.153	62	81584	52.42	ug/l	93
43) Isopropyl Acetate	6.406	43	121839	48.98	ug/l #	91
44) Trichloroethene	7.182	130	50191	52.38	ug/l	97
45) 1,2-Dichloropropane	7.488	63	51426	53.06	ug/l	98
46) Dibromomethane	7.635	93	36818	51.91	ug/l	93
47) Bromodichloromethane	7.870	83	77785	54.69	ug/l	99
48) Methyl methacrylate	7.741	41	65592	49.72	ug/l #	81
49) 1,4-Dioxane	7.706	88	22514	1001.90	ug/l #	88
51) 4-Methyl-2-Pentanone	8.618	43	383370	264.89	ug/l	88
52) Toluene	8.765	92	120785	54.15	ug/l	98
53) t-1,3-Dichloropropene	9.018	75	81590	54.07	ug/l	100
54) cis-1,3-Dichloropropene	8.412	75	86151	53.47	ug/l #	86
55) 1,1,2-Trichloroethane	9.194	97	50596	55.44	ug/l	96
56) Ethyl methacrylate	9.159	69	76438	52.09	ug/l #	74
57) 1,3-Dichloropropane	9.347	76	85876	54.07	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	201167	250.82	ug/l	96
59) 2-Hexanone	9.471	43	286652	264.63	ug/l	85
60) Dibromochloromethane	9.565	129	59664	57.40	ug/l	100
61) 1,2-Dibromoethane	9.653	107	54361	54.35	ug/l	99
64) Tetrachloroethene	9.312	164	46764	50.60	ug/l	92
65) Chlorobenzene	10.118	112	132729	52.17	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.206	131	50798	53.82	ug/l	98
67) Ethyl Benzene	10.235	91	245475	52.17	ug/l	98
68) m/p-Xylenes	10.341	106	178193	106.00	ug/l	94
69) o-Xylene	10.683	106	84986	52.03	ug/l	91
70) Styrene	10.694	104	147388	53.77	ug/l	95
71) Bromoform	10.841	173	42334	55.47	ug/l #	98
73) Isopropylbenzene	11.000	105	241365	51.66	ug/l	99
74) N-amyl acetate	10.877	43	108969	45.98	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	76542	49.35	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	67490m	46.25	ug/l	
77) Bromobenzene	11.236	156	57152	51.55	ug/l	95
78) n-propylbenzene	11.341	91	284356	52.04	ug/l	99
79) 2-Chlorotoluene	11.400	91	167868	50.59	ug/l	98
80) 1,3,5-Trimethylbenzene	11.489	105	205614	52.01	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	25959	48.30	ug/l #	80
82) 4-Chlorotoluene	11.494	91	201010	51.44	ug/l	97
83) tert-Butylbenzene	11.753	119	195973	52.07	ug/l	91
84) 1,2,4-Trimethylbenzene	11.789	105	207306	51.56	ug/l	99
85) sec-Butylbenzene	11.930	105	235948	53.19	ug/l	99
86) p-Isopropyltoluene	12.047	119	215201	52.94	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	104457	51.66	ug/l	98
88) 1,4-Dichlorobenzene	12.077	146	105893	51.21	ug/l	99
89) n-Butylbenzene	12.371	91	201138	54.29	ug/l	96
90) Hexachloroethane	12.577	117	37721	60.93	ug/l	91
91) 1,2-Dichlorobenzene	12.371	146	99122	50.26	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	18244	45.86	ug/l	80
93) 1,2,4-Trichlorobenzene	13.630	180	66745	51.49	ug/l	98
94) Hexachlorobutadiene	13.765	225	28531	52.45	ug/l	95
95) Naphthalene	13.818	128	214334	48.04	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	64426	49.90	ug/l	99

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

