

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030221\
 Data File : VX020938.D
 Acq On : 01 Mar 2021 16:18
 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
 3/2/2021 3:28:57 PM

Quant Time: Mar 02 00:29:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	188318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	324174	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	292748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	135234	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	119672	47.05	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.10%		
35) Dibromofluoromethane	5.464	113	97602	49.55	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.10%		
50) Toluene-d8	8.694	98	376908	49.08	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.16%		
62) 4-Bromofluorobenzene	11.118	95	136490	48.07	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.14%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	93879	46.10	ug/l	98
3) Chloromethane	1.311	50	104322	46.11	ug/l	98
4) Vinyl Chloride	1.393	62	120020	46.08	ug/l	100
5) Bromomethane	1.623	94	43007	49.37	ug/l	99
6) Chloroethane	1.705	64	77644	47.64	ug/l	99
7) Trichlorofluoromethane	1.911	101	165158	50.23	ug/l	94
8) Diethyl Ether	2.164	74	74763	49.00	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.364	101	98949	48.85	ug/l	98
10) Methyl Iodide	2.493	142	136074	50.00	ug/l	97
11) Tert butyl alcohol	3.011	59	120530	212.78	ug/l	99
12) 1,1-Dichloroethene	2.352	96	100682	47.76	ug/l	96
13) Acrolein	2.270	56	67647	192.86	ug/l	98
14) Allyl chloride	2.705	41	155899	45.26	ug/l	98
15) Acrylonitrile	3.111	53	283254	234.36	ug/l	100
16) Acetone	2.417	43	229877	219.32	ug/l	100
17) Carbon Disulfide	2.546	76	282732	47.08	ug/l	100
18) Methyl Acetate	2.746	43	112692	45.46	ug/l	97
19) Methyl tert-butyl Ether	3.164	73	365408	48.53	ug/l	99
20) Methylene Chloride	2.834	84	120782	48.04	ug/l	95
21) trans-1,2-Dichloroethene	3.140	96	113681	48.02	ug/l	96
22) Diisopropyl ether	3.817	45	328271	47.40	ug/l	97
23) Vinyl Acetate	3.782	43	1415829	239.07	ug/l	99
24) 1,1-Dichloroethane	3.664	63	192468	47.18	ug/l	99
25) 2-Butanone	4.629	43	359314	225.67	ug/l	98
26) 2,2-Dichloropropane	4.546	77	171959	46.42	ug/l	100
27) cis-1,2-Dichloroethene	4.558	96	132275	48.49	ug/l	96
28) Bromochloromethane	4.976	49	80129	45.92	ug/l	94
29) Tetrahydrofuran	5.082	42	228480	223.56	ug/l	97
30) Chloroform	5.170	83	202903	49.37	ug/l	99
31) Cyclohexane	5.541	56	170214	46.22	ug/l	98
32) 1,1,1-Trichloroethane	5.458	97	173080	48.36	ug/l	100
36) 1,1-Dichloropropene	5.764	75	150730	48.92	ug/l	100
37) Ethyl Acetate	4.788	43	142817	48.72	ug/l	100
38) Carbon Tetrachloride	5.747	117	147649	49.46	ug/l	96
39) Methylcyclohexane	7.435	83	189011	48.92	ug/l	98
40) Benzene	6.111	78	467904	50.66	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.994	41	79689	48.33	ug/l	98
42) 1,2-Dichloroethane	6.158	62	159101	51.81	ug/l	99
43) Isopropyl Acetate	6.406	43	240479	48.23	ug/l	99
44) Trichloroethene	7.182	130	129066	53.15	ug/l	97
45) 1,2-Dichloropropane	7.488	63	116426	50.30	ug/l	97
46) Dibromomethane	7.635	93	82234	52.76	ug/l	99
47) Bromodichloromethane	7.870	83	170157	52.42	ug/l	99
48) Methyl methacrylate	7.741	41	122233	48.87	ug/l	99
49) 1,4-Dioxane	7.712	88	56287	964.05	ug/l	97
51) 4-Methyl-2-Pentanone	8.618	43	693776	238.97	ug/l	99
52) Toluene	8.765	92	298161	51.84	ug/l	99
53) t-1,3-Dichloropropene	9.018	75	190333	52.28	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	204703	51.33	ug/l	97
55) 1,1,2-Trichloroethane	9.194	97	122831	54.04	ug/l	97
56) Ethyl methacrylate	9.159	69	183834	49.97	ug/l	98
57) 1,3-Dichloropropane	9.347	76	204489	52.45	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	464832	258.39	ug/l	97
59) 2-Hexanone	9.471	43	513798	235.88	ug/l	100
60) Dibromochloromethane	9.565	129	133277	55.57	ug/l	97
61) 1,2-Dibromoethane	9.653	107	127707	53.60	ug/l	99
64) Tetrachloroethene	9.318	164	116167	54.98	ug/l	97
65) Chlorobenzene	10.118	112	312046	50.63	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.200	131	120178	52.85	ug/l	99
67) Ethyl Benzene	10.235	91	561728	50.25	ug/l	98
68) m/p-Xylenes	10.341	106	422928	102.82	ug/l	98
69) o-Xylene	10.683	106	201868	50.28	ug/l	98
70) Styrene	10.694	104	352457	51.17	ug/l	98
71) Bromoform	10.841	173	91367	52.00	ug/l #	98
73) Isopropylbenzene	11.000	105	535590	50.15	ug/l	99
74) N-amyl acetate	10.883	43	196950	45.53	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.253	83	163460	47.47	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	140463m	48.28	ug/l	
77) Bromobenzene	11.236	156	128838	51.83	ug/l	99
78) n-propylbenzene	11.341	91	619028	50.82	ug/l	100
79) 2-Chlorotoluene	11.406	91	363043	49.19	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	448717	50.48	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.059	75	60241	45.84	ug/l	95
82) 4-Chlorotoluene	11.494	91	416937	49.01	ug/l	100
83) tert-Butylbenzene	11.753	119	423062	48.92	ug/l	97
84) 1,2,4-Trimethylbenzene	11.789	105	448650	49.73	ug/l	100
85) sec-Butylbenzene	11.930	105	504839	49.54	ug/l	99
86) p-Isopropyltoluene	12.047	119	465672	49.86	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	221732	49.84	ug/l	97
88) 1,4-Dichlorobenzene	12.083	146	233141	51.43	ug/l	99
89) n-Butylbenzene	12.371	91	415249	49.80	ug/l	99
90) Hexachloroethane	12.577	117	86205	48.35	ug/l	94
91) 1,2-Dichlorobenzene	12.377	146	229334	52.80	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	35723	45.31	ug/l	97
93) 1,2,4-Trichlorobenzene	13.630	180	155938	55.97	ug/l	100
94) Hexachlorobutadiene	13.765	225	59478	53.31	ug/l	94
95) Naphthalene	13.818	128	520520	52.49	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	153642	55.54	ug/l	96

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

