

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021427.D
 Acq On : 24 Mar 2021 11:13
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 9:49:31 AM

Quant Time: Mar 24 11:44:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 11:38:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	81138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	132670	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	126559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	61170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	63335	47.86	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.72%
35) Dibromofluoromethane	5.464	113	44674	49.40	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.80%
50) Toluene-d8	8.694	98	164814	50.01	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.02%
62) 4-Bromofluorobenzene	11.118	95	63095	49.55	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.10%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	44939	47.20	ug/l	99
3) Chloromethane	1.311	50	49615	27.55	ug/l	100
4) Vinyl Chloride	1.393	62	46392	47.78	ug/l	98
5) Bromomethane	1.622	94	17870	42.78	ug/l	96
6) Chloroethane	1.705	64	29038	48.75	ug/l	98
7) Trichlorofluoromethane	1.911	101	76286	51.74	ug/l	98
8) Diethyl Ether	2.170	74	25462	49.23	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.358	101	41465	49.40	ug/l	97
10) Methyl Iodide	2.487	142	29459	41.50	ug/l #	86
11) Tert butyl alcohol	3.023	59	54110	243.77	ug/l	96
12) 1,1-Dichloroethene	2.352	96	39183	47.99	ug/l	83
13) Acrolein	2.276	56	27041	200.22	ug/l	99
14) Allyl chloride	2.705	41	82435	48.97	ug/l #	89
15) Acrylonitrile	3.117	53	134663	259.40	ug/l	98
16) Acetone	2.423	43	124366	253.30	ug/l	89
17) Carbon Disulfide	2.546	76	109798	43.48	ug/l	99
18) Methyl Acetate	2.752	43	76504	55.61	ug/l	91
19) Methyl tert-butyl Ether	3.164	73	154592	50.37	ug/l	99
20) Methylene Chloride	2.834	84	48381	48.35	ug/l	87
21) trans-1,2-Dichloroethene	3.140	96	44703	48.86	ug/l	93
22) Diisopropyl ether	3.823	45	164138	50.66	ug/l	92
23) Vinyl Acetate	3.782	43	703027	250.65	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	87532	49.93	ug/l	98
25) 2-Butanone	4.635	43	194137	258.61	ug/l	91
26) 2,2-Dichloropropane	4.552	77	76612	50.24	ug/l	95
27) cis-1,2-Dichloroethene	4.558	96	52272	49.66	ug/l	90
28) Bromochloromethane	4.976	49	41006	49.56	ug/l	84
29) Tetrahydrofuran	5.088	42	125603	253.88	ug/l #	86
30) Chloroform	5.176	83	93237	51.08	ug/l	98
31) Cyclohexane	5.547	56	76123	48.15	ug/l	92
32) 1,1,1-Trichloroethane	5.464	97	83036	51.31	ug/l	96
36) 1,1-Dichloropropene	5.764	75	65712	49.39	ug/l	96
37) Ethyl Acetate	4.793	43	73462	47.75	ug/l #	93
38) Carbon Tetrachloride	5.752	117	72486	52.31	ug/l	98
39) Methylcyclohexane	7.435	83	75819	51.30	ug/l	92
40) Benzene	6.111	78	190627	51.88	ug/l	98

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41) Methacrylonitrile	5.005	41	43694	49.02	ug/l #	88
42) 1,2-Dichloroethane	6.158	62	82107	51.63	ug/l	94
43) Isopropyl Acetate	6.411	43	125739	49.82	ug/l #	91
44) Trichloroethene	7.188	130	49191	50.45	ug/l	98
45) 1,2-Dichloropropane	7.488	63	51949	52.51	ug/l	98
46) Dibromomethane	7.635	93	37639	51.84	ug/l	94
47) Bromodichloromethane	7.876	83	77074	53.05	ug/l	98
48) Methyl methacrylate	7.747	41	68025	50.52	ug/l #	81
49) 1,4-Dioxane	7.712	88	24037	962.58	ug/l #	90
51) 4-Methyl-2-Pentanone	8.617	43	396108	267.13	ug/l	88
52) Toluene	8.765	92	120203	52.86	ug/l	99
53) t-1,3-Dichloropropene	9.023	75	79493	51.73	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	84789	51.83	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	50252	53.78	ug/l	98
56) Ethyl methacrylate	9.159	69	79045	52.83	ug/l #	76
57) 1,3-Dichloropropane	9.353	76	86056	52.89	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	215967	262.06	ug/l	95
59) 2-Hexanone	9.471	43	297877	268.51	ug/l	85
60) Dibromochloromethane	9.565	129	57413	54.04	ug/l	97
61) 1,2-Dibromoethane	9.653	107	54783	53.30	ug/l	99
64) Tetrachloroethene	9.318	164	43656	46.64	ug/l	95
65) Chlorobenzene	10.118	112	130192	50.00	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.206	131	50474	52.03	ug/l	99
67) Ethyl Benzene	10.235	91	240420	50.14	ug/l	99
68) m/p-Xylenes	10.341	106	173676	101.34	ug/l	93
69) o-Xylene	10.682	106	83473	50.16	ug/l	93
70) Styrene	10.694	104	143435	51.17	ug/l	95
71) Bromoform	10.841	173	41165	52.66	ug/l #	99
73) Isopropylbenzene	11.000	105	229785	50.81	ug/l	99
74) N-amyl acetate	10.883	43	106766	47.20	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	77090	51.33	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	75866m	52.42	ug/l	
77) Bromobenzene	11.235	156	55344	51.38	ug/l	94
78) n-propylbenzene	11.341	91	268161	50.76	ug/l	99
79) 2-Chlorotoluene	11.400	91	161411	50.26	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	196451	51.40	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.059	75	24311	47.39	ug/l #	84
82) 4-Chlorotoluene	11.494	91	191248	50.54	ug/l	97
83) tert-Butylbenzene	11.753	119	187402	51.34	ug/l	93
84) 1,2,4-Trimethylbenzene	11.789	105	197261	50.77	ug/l	98
85) sec-Butylbenzene	11.930	105	222152	51.60	ug/l	99
86) p-Isopropyltoluene	12.047	119	205948	52.27	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	97547	49.75	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	98243	49.23	ug/l	97
89) n-Butylbenzene	12.371	91	184796	51.48	ug/l	96
90) Hexachloroethane	12.577	117	35137	57.42	ug/l	95
91) 1,2-Dichlorobenzene	12.371	146	94044	49.43	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	18401	48.04	ug/l	80
93) 1,2,4-Trichlorobenzene	13.630	180	62880	50.11	ug/l	99
94) Hexachlorobutadiene	13.765	225	27802	52.60	ug/l	99
95) Naphthalene	13.818	128	212118	49.47	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	62885	50.63	ug/l	98

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

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