

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021095.D
 Acq On : 09 Mar 2021 04:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/9/2021 3:04:30 PM

Quant Time: Mar 09 05:21:40 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	5.629	168	204371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	348102	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	322384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	155759	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	134179	48.61	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.22%		
35) Dibromofluoromethane	5.464	113	109429	51.74	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.48%		
50) Toluene-d8	8.694	98	429389	52.07	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.14%		
62) 4-Bromofluorobenzene	11.118	95	153635	50.38	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.76%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	97912	44.31	ug/l	98
3) Chloromethane	1.311	50	121807	49.61	ug/l	99
4) Vinyl Chloride	1.393	62	138669	49.06	ug/l	100
5) Bromomethane	1.622	94	50454	53.93	ug/l	95
6) Chloroethane	1.705	64	89704	50.72	ug/l	100
7) Trichlorofluoromethane	1.917	101	176667	49.51	ug/l	99
8) Diethyl Ether	2.170	74	81246	49.07	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.364	101	102523	46.64	ug/l	99
10) Methyl Iodide	2.493	142	143258	48.50	ug/l	98
11) Tert butyl alcohol	3.011	59	122236	198.84	ug/l	99
12) 1,1-Dichloroethene	2.358	96	109063	47.68	ug/l	99
13) Acrolein	2.270	56	92252	242.35	ug/l	99
14) Allyl chloride	2.705	41	168241	45.01	ug/l	99
15) Acrylonitrile	3.111	53	309569	236.01	ug/l	100
16) Acetone	2.417	43	245807	216.10	ug/l	99
17) Carbon Disulfide	2.552	76	290409	44.56	ug/l	100
18) Methyl Acetate	2.746	43	125946	46.81	ug/l	99
19) Methyl tert-butyl Ether	3.164	73	388492	47.55	ug/l	99
20) Methylene Chloride	2.834	84	128402	47.06	ug/l	99
21) trans-1,2-Dichloroethene	3.140	96	121405	47.25	ug/l	98
22) Diisopropyl ether	3.823	45	366717	48.79	ug/l	96
23) Vinyl Acetate	3.782	43	1524728	237.23	ug/l	100
24) 1,1-Dichloroethane	3.670	63	220821	49.88	ug/l	99
25) 2-Butanone	4.629	43	391034	226.30	ug/l	99
26) 2,2-Dichloropropane	4.546	77	143253	35.63	ug/l	98
27) cis-1,2-Dichloroethene	4.564	96	144420	48.79	ug/l	97
28) Bromochloromethane	4.976	49	94483	49.89	ug/l	99
29) Tetrahydrofuran	5.082	42	252955	228.07	ug/l	100
30) Chloroform	5.176	83	222476	49.88	ug/l	98
31) Cyclohexane	5.546	56	187216	46.84	ug/l	100
32) 1,1,1-Trichloroethane	5.458	97	189821	48.87	ug/l	99
36) 1,1-Dichloropropene	5.770	75	166834	50.42	ug/l	99
37) Ethyl Acetate	4.793	43	152405	48.42	ug/l	98
38) Carbon Tetrachloride	5.752	117	157684	49.19	ug/l	98
39) Methylcyclohexane	7.441	83	196464	47.36	ug/l	99
40) Benzene	6.111	78	508755	51.30	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	87434	49.39	ug/l	99
42) 1,2-Dichloroethane	6.158	62	176205	53.44	ug/l	99
43) Isopropyl Acetate	6.405	43	255051	47.64	ug/l	100
44) Trichloroethene	7.182	130	138540	53.13	ug/l	97
45) 1,2-Dichloropropane	7.488	63	132056	53.13	ug/l	97
46) Dibromomethane	7.635	93	88409	52.82	ug/l	98
47) Bromodichloromethane	7.876	83	184356	52.89	ug/l	98
48) Methyl methacrylate	7.747	41	133709	49.78	ug/l	99
49) 1,4-Dioxane	7.717	88	60274	961.37	ug/l	97
51) 4-Methyl-2-Pentanone	8.617	43	779831	250.14	ug/l	100
52) Toluene	8.765	92	331775	53.72	ug/l	99
53) t-1,3-Dichloropropene	9.023	75	197998	50.65	ug/l	97
54) cis-1,3-Dichloropropene	8.412	75	214427	50.07	ug/l	98
55) 1,1,2-Trichloroethane	9.194	97	133196	54.58	ug/l	98
56) Ethyl methacrylate	9.159	69	196921	49.85	ug/l	98
57) 1,3-Dichloropropane	9.353	76	227552	54.35	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.288	63	524861	271.70	ug/l	99
59) 2-Hexanone	9.471	43	577956	247.09	ug/l	100
60) Dibromochloromethane	9.565	129	143702	55.80	ug/l	99
61) 1,2-Dibromoethane	9.653	107	137888	53.89	ug/l	99
64) Tetrachloroethene	9.318	164	130635	56.14	ug/l	95
65) Chlorobenzene	10.124	112	351937	51.85	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	125596	50.16	ug/l	96
67) Ethyl Benzene	10.235	91	624015	50.69	ug/l	97
68) m/p-Xylenes	10.341	106	481775	106.36	ug/l	96
69) o-Xylene	10.682	106	233044	52.71	ug/l	96
70) Styrene	10.694	104	395680	52.17	ug/l	99
71) Bromoform	10.841	173	101933	52.68	ug/l #	98
73) Isopropylbenzene	11.000	105	617651	50.21	ug/l	99
74) N-amyl acetate	10.882	43	224251	45.01	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.253	83	188405	47.51	ug/l	99
76) 1,2,3-Trichloropropane	11.283	75	183120m	54.65	ug/l	
77) Bromobenzene	11.235	156	147196	51.41	ug/l	99
78) n-propylbenzene	11.341	91	678378	48.35	ug/l	99
79) 2-Chlorotoluene	11.406	91	409144	48.13	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	507861	49.61	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	60801	40.17	ug/l	95
82) 4-Chlorotoluene	11.494	91	475097	48.49	ug/l	99
83) tert-Butylbenzene	11.753	119	470710	47.26	ug/l	96
84) 1,2,4-Trimethylbenzene	11.788	105	507537	48.84	ug/l	98
85) sec-Butylbenzene	11.930	105	590515	50.31	ug/l	99
86) p-Isopropyltoluene	12.047	119	523766	48.69	ug/l	99
87) 1,3-Dichlorobenzene	12.012	146	262942	51.31	ug/l	96
88) 1,4-Dichlorobenzene	12.083	146	264549	50.67	ug/l	99
89) n-Butylbenzene	12.371	91	442135	46.04	ug/l	99
90) Hexachloroethane	12.577	117	96150	46.82	ug/l	93
91) 1,2-Dichlorobenzene	12.377	146	255936	51.16	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	40005	44.05	ug/l	99
93) 1,2,4-Trichlorobenzene	13.630	180	158450	49.38	ug/l	95
94) Hexachlorobutadiene	13.765	225	60828	47.33	ug/l	99
95) Naphthalene	13.818	128	552094	48.34	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	163171	51.21	ug/l	99

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

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