

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
 Data File : VX021862.D
 Acq On : 23 Apr 2021 22:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/26/2021 4:54:03 PM

Quant Time: Apr 26 04:09:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	182819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	300736	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	282901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	144554	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	101977	49.17	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.34%
35) Dibromofluoromethane	5.464	113	95433	49.62	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.24%
50) Toluene-d8	8.696	98	354581	47.95	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.90%
62) 4-Bromofluorobenzene	11.122	95	135929	49.22	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.44%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	82742	47.03	ug/l	99
3) Chloromethane	1.313	50	97417	42.17	ug/l	99
4) Vinyl Chloride	1.392	62	100281	47.73	ug/l	99
5) Bromomethane	1.624	94	33491	36.47	ug/l	100
6) Chloroethane	1.709	64	62002	46.81	ug/l	99
7) Trichlorofluoromethane	1.916	101	140919	50.07	ug/l	100
8) Diethyl Ether	2.166	74	58471	50.40	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.361	101	82343	48.80	ug/l	95
10) Methyl Iodide	2.489	142	51090	40.74	ug/l	99
11) Tert butyl alcohol	3.014	59	103506	227.91	ug/l	98
12) 1,1-Dichloroethene	2.355	96	86992	51.54	ug/l	92
13) Acrolein	2.270	56	91605	249.35	ug/l	99
14) Allyl chloride	2.709	41	133217	49.10	ug/l	95
15) Acrylonitrile	3.117	53	241448	262.70	ug/l	99
16) Acetone	2.422	43	183060	256.74	ug/l	97
17) Carbon Disulfide	2.550	76	225861	46.94	ug/l	100
18) Methyl Acetate	2.751	43	106914	55.26	ug/l	100
19) Methyl tert-butyl Ether	3.166	73	294990	50.70	ug/l	99
20) Methylene Chloride	2.831	84	99450	46.53	ug/l	95
21) trans-1,2-Dichloroethene	3.142	96	96508	49.79	ug/l	92
22) Diisopropyl ether	3.824	45	270589	49.72	ug/l	99
23) Vinyl Acetate	3.788	43	1180709	250.63	ug/l	100
24) 1,1-Dichloroethane	3.672	63	161299	49.94	ug/l	99
25) 2-Butanone	4.635	43	312567	258.89	ug/l	99
26) 2,2-Dichloropropane	4.550	77	122433	39.19	ug/l	96
27) cis-1,2-Dichloroethene	4.568	96	112696	51.18	ug/l	90
28) Bromochloromethane	4.983	49	63602	47.45	ug/l	85
29) Tetrahydrofuran	5.086	42	205503	261.60	ug/l	100
30) Chloroform	5.178	83	172467	49.31	ug/l	99
31) Cyclohexane	5.544	56	137095	47.00	ug/l	98
32) 1,1,1-Trichloroethane	5.464	97	155557	50.05	ug/l	97
36) 1,1-Dichloropropene	5.769	75	125976	47.45	ug/l	97
37) Ethyl Acetate	4.794	43	124073	49.72	ug/l	99
38) Carbon Tetrachloride	5.751	117	138948	47.80	ug/l	97
39) Methylcyclohexane	7.440	83	153055	44.50	ug/l	96
40) Benzene	6.111	78	387808	48.97	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.007	41	69176	49.27	ug/l	98
42) 1,2-Dichloroethane	6.159	62	125657	48.89	ug/l	98
43) Isopropyl Acetate	6.409	43	209497	47.94	ug/l	99
44) Trichloroethene	7.190	130	115030	49.78	ug/l	92
45) 1,2-Dichloropropane	7.488	63	98630	47.46	ug/l	98
46) Dibromomethane	7.635	93	71633	49.17	ug/l	97
47) Bromodichloromethane	7.872	83	142114	47.84	ug/l	98
48) Methyl methacrylate	7.744	41	104234	48.99	ug/l	97
49) 1,4-Dioxane	7.714	88	46829	936.03	ug/l	96
51) 4-Methyl-2-Pentanone	8.616	43	635397	253.94	ug/l	99
52) Toluene	8.763	92	256618	49.95	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	152061	45.56	ug/l	100
54) cis-1,3-Dichloropropene	8.415	75	163914	46.49	ug/l	95
55) 1,1,2-Trichloroethane	9.195	97	105075	49.81	ug/l	99
56) Ethyl methacrylate	9.159	69	156323	48.95	ug/l	97
57) 1,3-Dichloropropane	9.354	76	167859	49.57	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	405839	259.99	ug/l	97
59) 2-Hexanone	9.470	43	473911	252.69	ug/l	99
60) Dibromochloromethane	9.561	129	125466	49.00	ug/l	100
61) 1,2-Dibromoethane	9.653	107	114132	49.77	ug/l	100
64) Tetrachloroethene	9.317	164	100285	45.34	ug/l	97
65) Chlorobenzene	10.122	112	282810	48.42	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	109776	48.59	ug/l	99
67) Ethyl Benzene	10.232	91	487434	48.21	ug/l	100
68) m/p-Xylenes	10.342	106	371974	95.09	ug/l	97
69) o-Xylene	10.683	106	180396	47.83	ug/l	97
70) Styrene	10.695	104	310924	48.61	ug/l	98
71) Bromoform	10.841	173	96508	47.16	ug/l #	99
73) Isopropylbenzene	11.000	105	484671	47.79	ug/l	99
74) N-amyl acetate	10.878	43	182425	46.80	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	156134	50.63	ug/l	98
76) 1,2,3-Trichloropropane	11.280	75	145693m	50.82	ug/l	
77) Bromobenzene	11.238	156	125410	46.86	ug/l	91
78) n-propylbenzene	11.341	91	540328	48.17	ug/l	98
79) 2-Chlorotoluene	11.402	91	321587	48.72	ug/l	96
80) 1,3,5-Trimethylbenzene	11.488	105	409332	47.65	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.055	75	52571	42.17	ug/l	89
82) 4-Chlorotoluene	11.494	91	372407	48.66	ug/l	98
83) tert-Butylbenzene	11.756	119	409084	47.70	ug/l	99
84) 1,2,4-Trimethylbenzene	11.793	105	411724	47.46	ug/l	98
85) sec-Butylbenzene	11.927	105	470364	47.85	ug/l	98
86) p-Isopropyltoluene	12.049	119	444069	47.56	ug/l	98
87) 1,3-Dichlorobenzene	12.006	146	223914	48.44	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	224105	47.94	ug/l	99
89) n-Butylbenzene	12.372	91	376922	47.84	ug/l	98
90) Hexachloroethane	12.579	117	81111	47.63	ug/l	100
91) 1,2-Dichlorobenzene	12.372	146	214814	48.11	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	33030	47.87	ug/l	87
93) 1,2,4-Trichlorobenzene	13.628	180	153060	47.54	ug/l	99
94) Hexachlorobutadiene	13.762	225	63272	39.96	ug/l	99
95) Naphthalene	13.817	128	505870	51.91	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	150292	48.64	ug/l	99

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

