

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
 Data File : VX020719.D
 Acq On : 25 Jan 2021 11:48
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 1/27/2021 1:16:00 PM

Quant Time: Jan 25 12:19:41 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 12:08:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	316156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	520827	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	495609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	242758	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	429063	99.51	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	199.02%#
35) Dibromofluoromethane	5.464	113	357865	99.73	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	199.46%#
50) Toluene-d8	8.696	98	1306220	101.10	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	202.20%#
62) 4-Bromofluorobenzene	11.122	95	513917	104.23	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	208.46%#

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.185	85	511165	116.94	ug/l 100
3) Chloromethane	1.313	50	479391	109.66	ug/l 99
4) Vinyl Chloride	1.392	62	486556	108.99	ug/l 100
5) Bromomethane	1.618	94	204293	99.90	ug/l 96
6) Chloroethane	1.697	64	272879	87.40	ug/l 100
7) Trichlorofluoromethane	1.904	101	631501	98.98	ug/l 98
8) Diethyl Ether	2.166	74	234870	103.80	ug/l 96
9) 1,1,2-Trichlorotrifluo...	2.361	101	322319	94.36	ug/l 99
10) Methyl Iodide	2.483	142	495435	107.30	ug/l 95
11) Tert butyl alcohol	3.032	59	418060	532.96	ug/l 99
12) 1,1-Dichloroethene	2.349	96	320574	96.28	ug/l 93
13) Acrolein	2.270	56	342420	710.07	ug/l 100
14) Allyl chloride	2.703	41	603828	115.94	ug/l 94
15) Acrylonitrile	3.117	53	1095911	568.34	ug/l 99
16) Acetone	2.422	43	843797	505.18	ug/l 100
17) Carbon Disulfide	2.544	76	995784	103.38	ug/l 100
18) Methyl Acetate	2.745	43	462153	118.20	ug/l 98
19) Methyl tert-butyl Ether	3.166	73	1257404	112.09	ug/l 100
20) Methylene Chloride	2.831	84	416986	101.88	ug/l 97
21) trans-1,2-Dichloroethene	3.136	96	384335	101.87	ug/l 97
22) Diisopropyl ether	3.825	45	1192427	114.93	ug/l 95
23) Vinyl Acetate	3.782	43	5127051	583.62	ug/l 99
24) 1,1-Dichloroethane	3.666	63	708575	106.43	ug/l 99
25) 2-Butanone	4.635	43	1388355	562.39	ug/l 98
26) 2,2-Dichloropropane	4.550	77	574964	102.70	ug/l 99
27) cis-1,2-Dichloroethene	4.562	96	440665	103.26	ug/l 99
28) Bromochloromethane	4.977	49	276602	100.00	ug/l 95
29) Tetrahydrofuran	5.087	42	910273	588.19	ug/l 96
30) Chloroform	5.178	83	720202	101.87	ug/l 99
31) Cyclohexane	5.544	56	613698	108.04	ug/l 97
32) 1,1,1-Trichloroethane	5.458	97	644403	103.69	ug/l 99
36) 1,1-Dichloropropene	5.763	75	535487	102.48	ug/l 98
37) Ethyl Acetate	4.794	43	537621	110.65	ug/l 98
38) Carbon Tetrachloride	5.751	117	581179	103.95	ug/l 97
39) Methylcyclohexane	7.440	83	638950	107.46	ug/l 99
40) Benzene	6.111	78	1597487	103.75	ug/l 98
41) Methacrylonitrile	5.001	41	301078	113.92	ug/l 98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
 Data File : VX020719.D
 Acq On : 25 Jan 2021 11:48
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 1/27/2021 1:16:00 PM

Quant Time: Jan 25 12:19:41 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 12:08:27 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.159	62	572752	99.82	ug/l	99
43) Isopropyl Acetate	6.409	43	879517	116.76	ug/l	99
44) Trichloroethene	7.184	130	419916	100.78	ug/l	100
45) 1,2-Dichloropropane	7.489	63	421384	108.24	ug/l	100
46) Dibromomethane	7.635	93	284155	102.08	ug/l	98
47) Bromodichloromethane	7.873	83	598177	106.10	ug/l	100
48) Methyl methacrylate	7.745	41	458041	122.27	ug/l	96
49) 1,4-Dioxane	7.714	88	198963	2310.23	ug/l	98
51) 4-Methyl-2-Pentanone	8.622	43	2788501	588.58	ug/l	99
52) Toluene	8.763	92	1017305	107.46	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	672582	116.67	ug/l	100
54) cis-1,3-Dichloropropene	8.415	75	709600	111.84	ug/l	95
55) 1,1,2-Trichloroethane	9.196	97	426922	106.57	ug/l	98
56) Ethyl methacrylate	9.159	69	667024	126.55	ug/l	98
57) 1,3-Dichloropropane	9.354	76	729423	110.18	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.293	63	1539262	535.81	ug/l	99
59) 2-Hexanone	9.476	43	2064793	582.43	ug/l	99
60) Dibromochloromethane	9.567	129	482369	111.36	ug/l	98
61) 1,2-Dibromoethane	9.653	107	450494	109.48	ug/l	99
64) Tetrachloroethene	9.317	164	368484	93.14	ug/l	92
65) Chlorobenzene	10.122	112	1121954	104.49	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.201	131	427394	105.64	ug/l	99
67) Ethyl Benzene	10.232	91	1996199	109.42	ug/l	99
68) m/p-Xylenes	10.342	106	1488258	219.42	ug/l	97
69) o-Xylene	10.683	106	729651	112.16	ug/l	98
70) Styrene	10.695	104	1252630	115.33	ug/l	99
71) Bromoform	10.842	173	350305	110.51	ug/l #	100
73) Isopropylbenzene	11.000	105	1964446	114.16	ug/l	100
74) N-amyl acetate	10.878	43	770712	124.81	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.250	83	621407	101.47	ug/l	99
76) 1,2,3-Trichloropropane	11.281	75	590373m	101.84	ug/l	
77) Bromobenzene	11.238	156	474807	108.29	ug/l	99
78) n-propylbenzene	11.341	91	2249708	114.18	ug/l	100
79) 2-Chlorotoluene	11.402	91	1331135	109.69	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	1684249	116.74	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.055	75	226466	112.95	ug/l	96
82) 4-Chlorotoluene	11.494	91	1596479	111.27	ug/l	97
83) tert-Butylbenzene	11.756	119	1616643	115.14	ug/l	97
84) 1,2,4-Trimethylbenzene	11.793	105	1708681	116.60	ug/l	98
85) sec-Butylbenzene	11.927	105	1892370	116.31	ug/l	100
86) p-Isopropyltoluene	12.049	119	1766311	117.58	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	857673	106.34	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	857801	105.01	ug/l	99
89) n-Butylbenzene	12.372	91	1575881	119.45	ug/l	99
90) Hexachloroethane	12.579	117	309593	113.55	ug/l	96
91) 1,2-Dichlorobenzene	12.372	146	818036	104.11	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	146601	108.89	ug/l	93
93) 1,2,4-Trichlorobenzene	13.628	180	584194	117.47	ug/l	97
94) Hexachlorobutadiene	13.762	225	255658	106.66	ug/l	98
95) Naphthalene	13.817	128	1969652	130.40	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	556230	112.90	ug/l	96

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