

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011121\
 Data File : VX020550.D
 Acq On : 11 Jan 2021 14:12
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 1/12/2021 10:54:18 AM

Quant Time: Jan 11 14:36:15 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 14:17:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	190752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	288631	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	268053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	139951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	224204	91.18	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 182.36%#	
35) Dibromofluoromethane	5.464	113	195283	105.04	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 210.08%#	
50) Toluene-d8	8.696	98	717325	100.87	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 201.74%#	
62) 4-Bromofluorobenzene	11.122	95	269255	101.94	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 203.88%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	196073	94.36	ug/l	99
3) Chloromethane	1.313	50	176895	76.70	ug/l	98
4) Vinyl Chloride	1.392	62	204907	80.28	ug/l	99
5) Bromomethane	1.636	94	129016	134.89	ug/l	99
6) Chloroethane	1.709	64	96104	61.16	ug/l	98
7) Trichlorofluoromethane	1.910	101	327828	96.28	ug/l	99
8) Diethyl Ether	2.166	74	117120	83.88	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.361	101	184298	95.62	ug/l	97
10) Methyl Iodide	2.489	142	282354	116.58	ug/l	98
11) Tert butyl alcohol	3.081	59	211379m	386.58	ug/l	
12) 1,1-Dichloroethene	2.355	96	183260	93.93	ug/l	95
13) Acrolein	2.276	56	164139	470.14	ug/l	99
14) Allyl chloride	2.703	41	260029	78.94	ug/l	97
15) Acrylonitrile	3.117	53	498716	399.74	ug/l	99
16) Acetone	2.422	43	391886	355.23	ug/l	99
17) Carbon Disulfide	2.550	76	508690	89.11	ug/l	100
18) Methyl Acetate	2.745	43	198881	80.45	ug/l	95
19) Methyl tert-butyl Ether	3.166	73	621335	88.97	ug/l	97
20) Methylene Chloride	2.831	84	207096	81.84	ug/l	95
21) trans-1,2-Dichloroethene	3.142	96	207275	89.37	ug/l	93
22) Diisopropyl ether	3.824	45	538389	80.70	ug/l	93
23) Vinyl Acetate	3.782	43	2367622	418.60	ug/l	97
24) 1,1-Dichloroethane	3.666	63	338738	84.50	ug/l	99
25) 2-Butanone	4.635	43	629275	392.60	ug/l	96
26) 2,2-Dichloropropane	4.550	77	315084	93.11	ug/l	100
27) cis-1,2-Dichloroethene	4.562	96	231747	89.57	ug/l	94
28) Bromochloromethane	4.977	49	138866	78.95	ug/l	85
29) Tetrahydrofuran	5.086	42	407158	404.53	ug/l	95
30) Chloroform	5.172	83	372771	90.44	ug/l	98
31) Cyclohexane	5.550	56	288776	84.02	ug/l	94
32) 1,1,1-Trichloroethane	5.464	97	342617	97.26	ug/l	98
36) 1,1-Dichloropropene	5.769	75	274285	95.55	ug/l	98
37) Ethyl Acetate	4.794	43	246694	86.26	ug/l	99
38) Carbon Tetrachloride	5.751	117	310242	110.36	ug/l	97
39) Methylcyclohexane	7.440	83	333583	99.75	ug/l	95
40) Benzene	6.111	78	811924	92.49	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	133274	87.79	ug/l	96
42) 1,2-Dichloroethane	6.159	62	286450	95.49	ug/l	100
43) Isopropyl Acetate	6.409	43	399095	88.50	ug/l	98
44) Trichloroethene	7.184	130	236430	101.52	ug/l	100
45) 1,2-Dichloropropane	7.488	63	199430	90.93	ug/l	97
46) Dibromomethane	7.635	93	148507	97.46	ug/l	96
47) Bromodichloromethane	7.873	83	304510	104.04	ug/l	97
48) Methyl methacrylate	7.745	41	201063	91.10	ug/l	96
49) 1,4-Dioxane	7.745	88	96829	1848.21	ug/l	94
51) 4-Methyl-2-Pentanone	8.622	43	1237666	442.74	ug/l	98
52) Toluene	8.763	92	526043	97.60	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	330086	103.83	ug/l	100
54) cis-1,3-Dichloropropene	8.415	75	350995	100.85	ug/l	96
55) 1,1,2-Trichloroethane	9.195	97	214122	96.78	ug/l	97
56) Ethyl methacrylate	9.159	69	314188	98.95	ug/l	96
57) 1,3-Dichloropropane	9.354	76	349974	93.82	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.293	63	744828	445.64	ug/l	95
59) 2-Hexanone	9.476	43	932748	437.76	ug/l	98
60) Dibromochloromethane	9.561	129	252083	112.63	ug/l	98
61) 1,2-Dibromoethane	9.653	107	233006	100.53	ug/l	99
64) Tetrachloroethene	9.317	164	233150	110.74	ug/l	98
65) Chlorobenzene	10.122	112	573184	99.77	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	223592	108.78	ug/l	100
67) Ethyl Benzene	10.232	91	1013429	102.21	ug/l	99
68) m/p-Xylenes	10.342	106	780702	208.63	ug/l	98
69) o-Xylene	10.683	106	368214	103.48	ug/l	98
70) Styrene	10.695	104	635034	105.50	ug/l	99
71) Bromoform	10.842	173	191802	117.61	ug/l #	98
73) Isopropylbenzene	11.000	105	1000902	99.23	ug/l	99
74) N-amyl acetate	10.878	43	331542	83.98	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.250	83	305761	85.72	ug/l	98
76) 1,2,3-Trichloropropane	11.280	75	290317m	86.03	ug/l	
77) Bromobenzene	11.238	156	260660	97.95	ug/l	92
78) n-propylbenzene	11.341	91	1133575	97.65	ug/l	98
79) 2-Chlorotoluene	11.402	91	679330	94.83	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	855947	100.33	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.061	75	112859	99.54	ug/l	97
82) 4-Chlorotoluene	11.494	91	805092	96.13	ug/l	100
83) tert-Butylbenzene	11.750	119	821367	99.93	ug/l	98
84) 1,2,4-Trimethylbenzene	11.793	105	873745	101.05	ug/l	100
85) sec-Butylbenzene	11.927	105	974391	102.00	ug/l	99
86) p-Isopropyltoluene	12.049	119	917226	104.10	ug/l	100
87) 1,3-Dichlorobenzene	12.006	146	459570	96.48	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	461206	93.01	ug/l	99
89) n-Butylbenzene	12.372	91	798905	103.96	ug/l	99
90) Hexachloroethane	12.579	117	161563	105.91	ug/l	96
91) 1,2-Dichlorobenzene	12.372	146	449253	95.14	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	75942	101.13	ug/l	95
93) 1,2,4-Trichlorobenzene	13.628	180	330130	107.07	ug/l	98
94) Hexachlorobutadiene	13.768	225	150895	105.04	ug/l	99
95) Naphthalene	13.817	128	1031184	107.34	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	329134	107.57	ug/l	99

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

