

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011121\
 Data File : VX020548.D
 Acq On : 11 Jan 2021 13:26
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 1/12/2021 10:54:08 AM

Quant Time: Jan 11 14:20:04 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	181864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	272372	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	252399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	129170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	41450	17.68	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	35.36%#		
35) Dibromofluoromethane	5.458	113	36240	20.66	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	41.32%#		
50) Toluene-d8	8.696	98	127576	19.01	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	38.02%#		
62) 4-Bromofluorobenzene	11.122	95	45405	18.22	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	36.44%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	35373	17.86	ug/l	99
3) Chloromethane	1.313	50	31261	14.22	ug/l	97
4) Vinyl Chloride	1.392	62	36417	14.96	ug/l	99
5) Bromomethane	1.636	94	25713	28.20	ug/l	99
6) Chloroethane	1.715	64	23241	15.51	ug/l	97
7) Trichlorofluoromethane	1.916	101	57793	17.80	ug/l	99
8) Diethyl Ether	2.166	74	20221	15.19	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.367	101	33462	18.21	ug/l	95
10) Methyl Iodide	2.489	142	44022	19.06	ug/l	97
11) Tert butyl alcohol	3.044	59	35812	68.70	ug/l	99
12) 1,1-Dichloroethene	2.355	96	31692	17.04	ug/l	95
13) Acrolein	2.276	56	26932	80.91	ug/l	100
14) Allyl chloride	2.709	41	43369	13.81	ug/l	96
15) Acrylonitrile	3.117	53	84305	70.88	ug/l	99
16) Acetone	2.428	43	73498	69.88	ug/l	100
17) Carbon Disulfide	2.550	76	89387	16.42	ug/l	99
18) Methyl Acetate	2.752	43	35252	14.96	ug/l	97
19) Methyl tert-butyl Ether	3.160	73	103142	15.49	ug/l	99
20) Methylene Chloride	2.831	84	36857	15.28	ug/l	94
21) trans-1,2-Dichloroethene	3.142	96	35914	16.24	ug/l	94
22) Diisopropyl ether	3.818	45	90602	14.24	ug/l	91
23) Vinyl Acetate	3.782	43	381256	70.70	ug/l	98
24) 1,1-Dichloroethane	3.666	63	59179	15.48	ug/l	99
25) 2-Butanone	4.635	43	107566	70.39	ug/l	93
26) 2,2-Dichloropropane	4.550	77	54414	16.87	ug/l	99
27) cis-1,2-Dichloroethene	4.562	96	39395	15.97	ug/l	94
28) Bromochloromethane	4.977	49	24452	14.58	ug/l	84
29) Tetrahydrofuran	5.093	42	66704	69.51	ug/l	95
30) Chloroform	5.172	83	65906	16.77	ug/l	98
31) Cyclohexane	5.550	56	47751	14.57	ug/l	95
32) 1,1,1-Trichloroethane	5.464	97	59300	17.66	ug/l	98
36) 1,1-Dichloropropene	5.769	75	46079	17.01	ug/l	99
37) Ethyl Acetate	4.794	43	40687	15.08	ug/l	99
38) Carbon Tetrachloride	5.751	117	54511	20.55	ug/l	98
39) Methylcyclohexane	7.440	83	51049	16.18	ug/l	97
40) Benzene	6.111	78	139884	16.89	ug/l	99

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41) Methacrylonitrile	5.001	41	21804	15.22	ug/l	95
42) 1,2-Dichloroethane	6.159	62	50301	17.77	ug/l	100
43) Isopropyl Acetate	6.409	43	63558	14.94	ug/l	98
44) Trichloroethene	7.190	130	40649	18.50	ug/l	89
45) 1,2-Dichloropropane	7.488	63	34329	16.59	ug/l	95
46) Dibromomethane	7.635	93	26159	18.19	ug/l	97
47) Bromodichloromethane	7.873	83	52329	18.95	ug/l	97
48) Methyl methacrylate	7.745	41	31432	15.09	ug/l	97
49) 1,4-Dioxane	7.738	88	16591	335.58	ug/l	94
51) 4-Methyl-2-Pentanone	8.616	43	206706	78.36	ug/l	99
52) Toluene	8.763	92	89169	17.53	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	51849	17.28	ug/l	98
54) cis-1,3-Dichloropropene	8.415	75	58194	17.72	ug/l	94
55) 1,1,2-Trichloroethane	9.195	97	37621	18.02	ug/l	96
56) Ethyl methacrylate	9.159	69	46438	15.50	ug/l	96
57) 1,3-Dichloropropane	9.348	76	59891	17.01	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	118491	75.13	ug/l	94
59) 2-Hexanone	9.470	43	156560	77.86	ug/l	100
60) Dibromochloromethane	9.561	129	42811	20.27	ug/l	99
61) 1,2-Dibromoethane	9.653	107	40648	18.58	ug/l	100
64) Tetrachloroethene	9.317	164	42639	21.51	ug/l	93
65) Chlorobenzene	10.116	112	96735	17.88	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	38005	19.64	ug/l	99
67) Ethyl Benzene	10.232	91	162100	17.36	ug/l	99
68) m/p-Xylenes	10.342	106	128003	36.33	ug/l	99
69) o-Xylene	10.683	106	58729	17.53	ug/l	98
70) Styrene	10.695	104	101927	17.98	ug/l	99
71) Bromoform	10.842	173	30833	20.08	ug/l #	99
73) Isopropylbenzene	11.000	105	160817	17.27	ug/l	100
74) N-amyl acetate	10.878	43	48702	13.37	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.250	83	53767	16.33	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	52018m	16.70	ug/l	
77) Bromobenzene	11.238	156	42361	17.25	ug/l	94
78) n-propylbenzene	11.341	91	182405	17.03	ug/l	100
79) 2-Chlorotoluene	11.402	91	111768	16.90	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	138041	17.53	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.055	75	17335	16.57	ug/l	98
82) 4-Chlorotoluene	11.494	91	131442	17.00	ug/l	98
83) tert-Butylbenzene	11.756	119	127265	16.78	ug/l	97
84) 1,2,4-Trimethylbenzene	11.786	105	137888	17.28	ug/l	98
85) sec-Butylbenzene	11.927	105	153758	17.44	ug/l	98
86) p-Isopropyltoluene	12.049	119	141206	17.36	ug/l	98
87) 1,3-Dichlorobenzene	12.006	146	77687	17.67	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	78611	17.18	ug/l	99
89) n-Butylbenzene	12.372	91	116291	16.40	ug/l	99
90) Hexachloroethane	12.579	117	25559	18.15	ug/l	93
91) 1,2-Dichlorobenzene	12.372	146	77350	17.75	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	12263	17.69	ug/l	97
93) 1,2,4-Trichlorobenzene	13.628	180	46227	16.24	ug/l	97
94) Hexachlorobutadiene	13.762	225	25933	19.56	ug/l	99
95) Naphthalene	13.817	128	142046	16.02	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	50922	18.03	ug/l	97

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

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