

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020118.D
 Acq On : 18 Dec 2020 11:22
 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
 12/21/2020 3:57:55 PM

Quant Time: Dec 18 12:25:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 12:23:32 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	247854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	422890	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	395989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	191348	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	60863	18.33	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	36.66%#		
35) Dibromofluoromethane	5.464	113	48238	17.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	35.16%#		
50) Toluene-d8	8.696	98	184407	17.68	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	35.36%#		
62) 4-Bromofluorobenzene	11.122	95	68207	17.17	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	34.34%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	48219	21.09	ug/l	99
3) Chloromethane	1.313	50	56053	20.39	ug/l	100
4) Vinyl Chloride	1.392	62	60323	21.09	ug/l	98
5) Bromomethane	1.624	94	24755	26.05	ug/l	97
6) Chloroethane	1.709	64	38670	22.11	ug/l	98
7) Trichlorofluoromethane	1.916	101	75915	19.35	ug/l	97
8) Diethyl Ether	2.166	74	35338	20.47	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.367	101	41489	18.52	ug/l	99
10) Methyl Iodide	2.489	142	49429	15.02	ug/l	99
11) Tert butyl alcohol	3.008	59	68150	93.10	ug/l	99
12) 1,1-Dichloroethene	2.355	96	43832	19.24	ug/l	98
13) Acrolein	2.270	56	39646	103.00	ug/l	99
14) Allyl chloride	2.703	41	79486	20.10	ug/l	98
15) Acrylonitrile	3.111	53	159513	104.08	ug/l	100
16) Acetone	2.416	43	142485	111.99	ug/l	99
17) Carbon Disulfide	2.550	76	125063	18.97	ug/l	100
18) Methyl Acetate	2.745	43	61987	20.11	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	175789	20.47	ug/l	100
20) Methylene Chloride	2.831	84	60256	18.48	ug/l	95
21) trans-1,2-Dichloroethene	3.142	96	53557	19.81	ug/l	99
22) Diisopropyl ether	3.824	45	170222	21.05	ug/l	94
23) Vinyl Acetate	3.782	43	733302	105.89	ug/l	99
24) 1,1-Dichloroethane	3.666	63	98330	20.43	ug/l	100
25) 2-Butanone	4.629	43	209079	106.82	ug/l	99
26) 2,2-Dichloropropane	4.550	77	79674	19.55	ug/l	99
27) cis-1,2-Dichloroethene	4.562	96	62878	19.74	ug/l	99
28) Bromochloromethane	4.971	49	47281	20.83	ug/l	98
29) Tetrahydrofuran	5.086	42	129455	102.74	ug/l	98
30) Chloroform	5.172	83	101494	20.48	ug/l	99
31) Cyclohexane	5.544	56	78973	19.45	ug/l	99
32) 1,1,1-Trichloroethane	5.458	97	81252	19.44	ug/l	99
36) 1,1-Dichloropropene	5.763	75	70826	18.55	ug/l	99
37) Ethyl Acetate	4.788	43	77236	19.43	ug/l	100
38) Carbon Tetrachloride	5.751	117	66549	17.91	ug/l	97
39) Methylcyclohexane	7.434	83	77166	17.44	ug/l	98
40) Benzene	6.111	78	230779	19.43	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	41522	19.05	ug/l	98
42) 1,2-Dichloroethane	6.159	62	81923	20.06	ug/l	99
43) Isopropyl Acetate	6.409	43	122463	19.04	ug/l	99
44) Trichloroethene	7.184	130	57435	18.65	ug/l	95
45) 1,2-Dichloropropane	7.488	63	59240	19.82	ug/l	99
46) Dibromomethane	7.635	93	39632	19.61	ug/l	99
47) Bromodichloromethane	7.873	83	75932	19.04	ug/l	98
48) Methyl methacrylate	7.745	41	60534	19.12	ug/l	98
49) 1,4-Dioxane	7.714	88	28042	369.33	ug/l	98
51) 4-Methyl-2-Pentanone	8.616	43	392217	99.61	ug/l	99
52) Toluene	8.763	92	143180	19.36	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	81873	18.53	ug/l	99
54) cis-1,3-Dichloropropene	8.415	75	92588	19.24	ug/l	97
55) 1,1,2-Trichloroethane	9.195	97	59270	19.67	ug/l	99
56) Ethyl methacrylate	9.159	69	85647	18.82	ug/l	99
57) 1,3-Dichloropropane	9.348	76	101411	19.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	224154	93.12	ug/l	99
59) 2-Hexanone	9.470	43	299827	98.71	ug/l	98
60) Dibromochloromethane	9.561	129	57319	18.82	ug/l	99
61) 1,2-Dibromoethane	9.653	107	62415	19.51	ug/l	98
64) Tetrachloroethene	9.317	164	51016	19.24	ug/l	97
65) Chlorobenzene	10.116	112	149731	18.86	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.201	131	53618	18.76	ug/l	98
67) Ethyl Benzene	10.232	91	259747	18.54	ug/l	99
68) m/p-Xylenes	10.342	106	197210	37.33	ug/l	99
69) o-Xylene	10.683	106	93726	18.39	ug/l	96
70) Styrene	10.695	104	161339	18.73	ug/l	100
71) Bromoform	10.842	173	39924	17.90	ug/l #	98
73) Isopropylbenzene	11.000	105	247233	18.88	ug/l	100
74) N-amyl acetate	10.878	43	98531	18.50	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.250	83	91588	19.59	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	85240m	19.59	ug/l	
77) Bromobenzene	11.238	156	63643	18.83	ug/l	97
78) n-propylbenzene	11.341	91	278837	18.67	ug/l	100
79) 2-Chlorotoluene	11.402	91	178150	19.19	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	211656	19.14	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.055	75	26562	17.68	ug/l	93
82) 4-Chlorotoluene	11.494	91	203432	18.69	ug/l	99
83) tert-Butylbenzene	11.756	119	196115	18.21	ug/l	97
84) 1,2,4-Trimethylbenzene	11.793	105	213677	19.08	ug/l	99
85) sec-Butylbenzene	11.927	105	221677	18.11	ug/l	100
86) p-Isopropyltoluene	12.049	119	206808	18.34	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	112563	18.23	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	114981	18.25	ug/l	99
89) n-Butylbenzene	12.372	91	171559	17.27	ug/l	99
90) Hexachloroethane	12.579	117	34164	17.57	ug/l	96
91) 1,2-Dichlorobenzene	12.372	146	114556	19.00	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	18767	18.62	ug/l	93
93) 1,2,4-Trichlorobenzene	13.628	180	68029	17.45	ug/l	98
94) Hexachlorobutadiene	13.762	225	27604	16.23	ug/l	97
95) Naphthalene	13.817	128	233085	18.28	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	68899	18.04	ug/l	99

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

