

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020421\
 Data File : VX020857.D
 Acq On : 04 Feb 2021 11:27
 Operator : JC/MD
 Sample : VX0204WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/5/2021 10:51:09 AM

Quant Time: Feb 05 01:36:53 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	308642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	461775	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	442662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	226741	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	188639	44.81	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.62%
35) Dibromofluoromethane	5.458	113	162358	51.33	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.66%
50) Toluene-d8	8.689	98	582607	50.24	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.48%
62) 4-Bromofluorobenzene	11.122	95	218664	48.55	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.10%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	86081	18.42	ug/l	97
3) Chloromethane	1.312	50	73453	16.92	ug/l	100
4) Vinyl Chloride	1.392	62	75042	17.34	ug/l	100
5) Bromomethane	1.623	94	43507	20.92	ug/l	96
6) Chloroethane	1.709	64	43574	17.78	ug/l	97
7) Trichlorofluoromethane	1.916	101	111502	18.99	ug/l	98
8) Diethyl Ether	2.166	74	37682	17.88	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.361	101	56562	18.87	ug/l	99
10) Methyl Iodide	2.489	142	74452	17.71	ug/l	93
11) Tert butyl alcohol	3.013	59	63899	81.31	ug/l	99
12) 1,1-Dichloroethene	2.355	96	52957	17.87	ug/l	98
13) Acrolein	2.270	56	43648	73.64	ug/l	100
14) Allyl chloride	2.702	41	90904	16.47	ug/l	96
15) Acrylonitrile	3.111	53	170771	85.85	ug/l	100
16) Acetone	2.416	43	136363	85.43	ug/l	98
17) Carbon Disulfide	2.544	76	157621	17.10	ug/l	100
18) Methyl Acetate	2.745	43	74968	18.38	ug/l	99
19) Methyl tert-butyl Ether	3.160	73	201911	18.21	ug/l	99
20) Methylene Chloride	2.830	84	70740	17.56	ug/l	98
21) trans-1,2-Dichloroethene	3.141	96	65399	17.66	ug/l	98
22) Diisopropyl ether	3.818	45	194431	17.92	ug/l	97
23) Vinyl Acetate	3.781	43	768467	86.09	ug/l	100
24) 1,1-Dichloroethane	3.666	63	118204	18.02	ug/l	98
25) 2-Butanone	4.629	43	208991	83.60	ug/l	98
26) 2,2-Dichloropropane	4.544	77	96424	18.32	ug/l	99
27) cis-1,2-Dichloroethene	4.556	96	75096	18.49	ug/l	96
28) Bromochloromethane	4.976	49	44517	15.84	ug/l	99
29) Tetrahydrofuran	5.086	42	134849	83.75	ug/l	98
30) Chloroform	5.171	83	128055	18.99	ug/l	97
31) Cyclohexane	5.537	56	94106	16.62	ug/l	99
32) 1,1,1-Trichloroethane	5.452	97	111083	18.72	ug/l	99
36) 1,1-Dichloropropene	5.763	75	88523	19.10	ug/l	99
37) Ethyl Acetate	4.787	43	80557	18.33	ug/l	99
38) Carbon Tetrachloride	5.751	117	100566	20.64	ug/l	97
39) Methylcyclohexane	7.433	83	96719	18.31	ug/l	98
40) Benzene	6.104	78	272638	19.97	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	45325	18.43	ug/l	98
42) 1,2-Dichloroethane	6.153	62	96955	19.92	ug/l	100
43) Isopropyl Acetate	6.409	43	123486	17.63	ug/l	99
44) Trichloroethene	7.183	130	72618	20.00	ug/l	100
45) 1,2-Dichloropropane	7.482	63	69537	19.55	ug/l	99
46) Dibromomethane	7.634	93	48854	20.46	ug/l	98
47) Bromodichloromethane	7.872	83	99719	19.77	ug/l	98
48) Methyl methacrylate	7.744	41	63105	17.83	ug/l	97
49) 1,4-Dioxane	7.708	88	31792	383.00	ug/l	98
51) 4-Methyl-2-Pentanone	8.616	43	412743	93.37	ug/l	100
52) Toluene	8.762	92	171674	20.00	ug/l	99
53) t-1,3-Dichloropropene	9.018	75	100177	18.87	ug/l	96
54) cis-1,3-Dichloropropene	8.409	75	110852	19.36	ug/l	94
55) 1,1,2-Trichloroethane	9.195	97	71901	20.18	ug/l	97
56) Ethyl methacrylate	9.159	69	90622	17.79	ug/l	97
57) 1,3-Dichloropropane	9.348	76	118039	19.75	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	230887	93.64	ug/l	98
59) 2-Hexanone	9.469	43	304720	92.59	ug/l	99
60) Dibromochloromethane	9.561	129	80027	20.31	ug/l	98
61) 1,2-Dibromoethane	9.652	107	72503	19.66	ug/l	99
64) Tetrachloroethene	9.317	164	73807	21.75	ug/l	97
65) Chlorobenzene	10.116	112	185661	19.39	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	70218	19.75	ug/l	98
67) Ethyl Benzene	10.232	91	312243	18.80	ug/l	99
68) m/p-Xylenes	10.341	106	241334	38.97	ug/l	98
69) o-Xylene	10.683	106	110773	19.02	ug/l	97
70) Styrene	10.695	104	195777	19.58	ug/l	100
71) Bromoform	10.835	173	57455	20.13	ug/l #	99
73) Isopropylbenzene	11.000	105	312842	19.09	ug/l	98
74) N-amyl acetate	10.878	43	99865	15.91	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.250	83	103997	18.84	ug/l	98
76) 1,2,3-Trichloropropane	11.280	75	100298m	19.07	ug/l	
77) Bromobenzene	11.237	156	79311	19.12	ug/l	98
78) n-propylbenzene	11.341	91	355058	18.77	ug/l	100
79) 2-Chlorotoluene	11.402	91	221613	19.18	ug/l	100
80) 1,3,5-Trimethylbenzene	11.487	105	271481	19.38	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	31472	16.77	ug/l	94
82) 4-Chlorotoluene	11.493	91	258754	18.92	ug/l	99
83) tert-Butylbenzene	11.756	119	247483	18.30	ug/l	98
84) 1,2,4-Trimethylbenzene	11.792	105	275321	19.49	ug/l	99
85) sec-Butylbenzene	11.926	105	299965	19.19	ug/l	100
86) p-Isopropyltoluene	12.048	119	278794	19.21	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	146569	19.39	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	145057	18.48	ug/l	97
89) n-Butylbenzene	12.371	91	226126	17.40	ug/l	98
90) Hexachloroethane	12.579	117	49776	19.05	ug/l	95
91) 1,2-Dichlorobenzene	12.371	146	143928	19.76	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	20381	16.65	ug/l	97
93) 1,2,4-Trichlorobenzene	13.627	180	85927	18.19	ug/l	97
94) Hexachlorobutadiene	13.761	225	38213	17.17	ug/l	97
95) Naphthalene	13.816	128	254124	16.64	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	85059	18.49	ug/l	99

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

