

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020521\
 Data File : VX020866.D
 Acq On : 05 Feb 2021 12:38
 Operator : JC/MD
 Sample : VX0205WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/8/2021 11:33:47 AM

Quant Time: Feb 06 01:03:27 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	305399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	474269	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	443411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	229868	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	188430	45.24	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.48%
35) Dibromofluoromethane	5.458	113	158972	48.94	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.88%
50) Toluene-d8	8.696	98	573982	48.19	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.38%
62) 4-Bromofluorobenzene	11.122	95	221948	47.99	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.98%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	86647	18.71	ug/l	99
3) Chloromethane	1.313	50	75507	17.58	ug/l	99
4) Vinyl Chloride	1.392	62	77936	18.20	ug/l	98
5) Bromomethane	1.624	94	45900	22.31	ug/l	96
6) Chloroethane	1.709	64	45327	18.70	ug/l	100
7) Trichlorofluoromethane	1.910	101	114186	19.65	ug/l	95
8) Diethyl Ether	2.166	74	39284	18.84	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.361	101	58656	19.78	ug/l	99
10) Methyl Iodide	2.489	142	74768	17.97	ug/l	93
11) Tert butyl alcohol	3.014	59	70727	90.95	ug/l	100
12) 1,1-Dichloroethene	2.355	96	55428	18.90	ug/l	97
13) Acrolein	2.270	56	50582	86.24	ug/l	98
14) Allyl chloride	2.703	41	95646	17.51	ug/l	95
15) Acrylonitrile	3.111	53	180960	91.94	ug/l	99
16) Acetone	2.416	43	133789	84.71	ug/l	98
17) Carbon Disulfide	2.544	76	162414	17.77	ug/l	100
18) Methyl Acetate	2.746	43	78532	19.46	ug/l	99
19) Methyl tert-butyl Ether	3.160	73	211198	19.25	ug/l	99
20) Methylene Chloride	2.831	84	75011	18.82	ug/l	99
21) trans-1,2-Dichloroethene	3.136	96	67585	18.45	ug/l	98
22) Diisopropyl ether	3.825	45	203166	18.92	ug/l	92
23) Vinyl Acetate	3.782	43	812526	91.99	ug/l	99
24) 1,1-Dichloroethane	3.666	63	123131	18.97	ug/l	99
25) 2-Butanone	4.629	43	217387	87.88	ug/l	99
26) 2,2-Dichloropropane	4.544	77	101024	19.40	ug/l	100
27) cis-1,2-Dichloroethene	4.556	96	77262	19.23	ug/l	98
28) Bromochloromethane	4.977	49	44407	15.96	ug/l	97
29) Tetrahydrofuran	5.080	42	141932	89.09	ug/l	100
30) Chloroform	5.172	83	131245	19.67	ug/l	98
31) Cyclohexane	5.544	56	99408	17.75	ug/l	99
32) 1,1,1-Trichloroethane	5.458	97	114257	19.46	ug/l	99
36) 1,1-Dichloropropene	5.763	75	91826	19.29	ug/l	99
37) Ethyl Acetate	4.788	43	85429	18.93	ug/l	99
38) Carbon Tetrachloride	5.751	117	104179	20.82	ug/l	99
39) Methylcyclohexane	7.434	83	101734	18.75	ug/l	98
40) Benzene	6.105	78	281614	20.09	ug/l	100
41) Methacrylonitrile	4.995	41	46401	18.37	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.153	62	101070	20.22	ug/l	100
43) Isopropyl Acetate	6.410	43	132029	18.35	ug/l	99
44) Trichloroethene	7.184	130	73346	19.66	ug/l	99
45) 1,2-Dichloropropane	7.482	63	71500	19.57	ug/l	100
46) Dibromomethane	7.635	93	49626	20.24	ug/l	100
47) Bromodichloromethane	7.873	83	104056	20.08	ug/l	99
48) Methyl methacrylate	7.745	41	67311	18.52	ug/l	96
49) 1,4-Dioxane	7.708	88	35342	414.55	ug/l	98
51) 4-Methyl-2-Pentanone	8.616	43	435962	96.02	ug/l	100
52) Toluene	8.763	92	177407	20.13	ug/l	98
53) t-1,3-Dichloropropene	9.019	75	104771	19.22	ug/l	99
54) cis-1,3-Dichloropropene	8.409	75	116931	19.89	ug/l	95
55) 1,1,2-Trichloroethane	9.196	97	75152	20.53	ug/l	96
56) Ethyl methacrylate	9.159	69	95013	18.10	ug/l	97
57) 1,3-Dichloropropane	9.348	76	123814	20.17	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	223864	88.40	ug/l	99
59) 2-Hexanone	9.470	43	319084	94.40	ug/l	100
60) Dibromochloromethane	9.561	129	82148	20.30	ug/l	100
61) 1,2-Dibromoethane	9.653	107	76555	20.21	ug/l	99
64) Tetrachloroethene	9.318	164	74695	21.97	ug/l	92
65) Chlorobenzene	10.116	112	190570	19.87	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	73145	20.54	ug/l	99
67) Ethyl Benzene	10.232	91	327195	19.67	ug/l	100
68) m/p-Xylenes	10.342	106	253949	40.94	ug/l	99
69) o-Xylene	10.683	106	117480	20.14	ug/l	99
70) Styrene	10.695	104	207447	20.71	ug/l	99
71) Bromoform	10.836	173	61143	21.39	ug/l #	100
73) Isopropylbenzene	11.000	105	330504	19.89	ug/l	99
74) N-ethyl acetate	10.878	43	105820	16.54	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.250	83	109920	19.64	ug/l	99
76) 1,2,3-Trichloropropane	11.281	75	105754m	19.84	ug/l	
77) Bromobenzene	11.238	156	85669	20.37	ug/l	96
78) n-propylbenzene	11.342	91	374958	19.55	ug/l	99
79) 2-Chlorotoluene	11.403	91	229547	19.59	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	283453	19.96	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	33732	17.73	ug/l	98
82) 4-Chlorotoluene	11.494	91	271497	19.58	ug/l	98
83) tert-Butylbenzene	11.756	119	264488	19.29	ug/l	98
84) 1,2,4-Trimethylbenzene	11.793	105	290826	20.30	ug/l	99
85) sec-Butylbenzene	11.927	105	318532	20.10	ug/l	100
86) p-Isopropyltoluene	12.049	119	293093	19.92	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	154225	20.13	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	155779	19.58	ug/l	99
89) n-Butylbenzene	12.372	91	236275	17.93	ug/l	99
90) Hexachloroethane	12.579	117	51007	19.26	ug/l	98
91) 1,2-Dichlorobenzene	12.372	146	153477	20.79	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.982	75	22409	18.06	ug/l	95
93) 1,2,4-Trichlorobenzene	13.628	180	87619	18.30	ug/l	97
94) Hexachlorobutadiene	13.762	225	42366	18.78	ug/l	97
95) Naphthalene	13.817	128	279638	17.82	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	90509	19.41	ug/l	98

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