

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
 Data File : VX020745.D
 Acq On : 26 Jan 2021 12:00
 Operator : JC/SP
 Sample : VX0126WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0126WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/27/2021 12:49:20 PM

Quant Time: Jan 26 14:39:12 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	315231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	494610	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	474278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	239358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	203192	47.26	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.52%		
35) Dibromofluoromethane	5.458	113	163518	48.26	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.52%		
50) Toluene-d8	8.690	98	607743	48.93	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.86%		
62) 4-Bromofluorobenzene	11.122	95	237955	49.33	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.66%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	90097	18.84	ug/l	100
3) Chloromethane	1.313	50	83236	18.77	ug/l	99
4) Vinyl Chloride	1.392	62	80833	18.28	ug/l	100
5) Bromomethane	1.624	94	47317	22.28	ug/l	98
6) Chloroethane	1.709	64	47549	19.00	ug/l	98
7) Trichlorofluoromethane	1.916	101	112863	18.82	ug/l	96
8) Diethyl Ether	2.166	74	41866	19.45	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.361	101	57481	18.78	ug/l	99
10) Methyl Iodide	2.489	142	77061	17.95	ug/l	93
11) Tert butyl alcohol	3.008	59	77618	96.70	ug/l	99
12) 1,1-Dichloroethene	2.355	96	55437	18.31	ug/l	96
13) Acrolein	2.270	56	54282	89.67	ug/l	100
14) Allyl chloride	2.703	41	101849	18.06	ug/l	94
15) Acrylonitrile	3.111	53	190236	93.63	ug/l	99
16) Acetone	2.416	43	138500	84.96	ug/l	99
17) Carbon Disulfide	2.550	76	167590	17.77	ug/l	98
18) Methyl Acetate	2.745	43	78520	18.85	ug/l	100
19) Methyl tert-butyl Ether	3.160	73	222597	19.66	ug/l	98
20) Methylene Chloride	2.831	84	74565	18.12	ug/l	96
21) trans-1,2-Dichloroethene	3.142	96	67139	17.75	ug/l	99
22) Diisopropyl ether	3.818	45	218545	19.72	ug/l	97
23) Vinyl Acetate	3.782	43	879398	96.46	ug/l	98
24) 1,1-Dichloroethane	3.666	63	125042	18.67	ug/l	98
25) 2-Butanone	4.629	43	232401	91.02	ug/l	100
26) 2,2-Dichloropropane	4.544	77	99127	18.44	ug/l	99
27) cis-1,2-Dichloroethene	4.556	96	77260	18.63	ug/l	100
28) Bromochloromethane	4.977	49	49181	17.13	ug/l	96
29) Tetrahydrofuran	5.087	42	151104	91.88	ug/l	97
30) Chloroform	5.172	83	131639	19.12	ug/l	98
31) Cyclohexane	5.544	56	105470	18.24	ug/l	97
32) 1,1,1-Trichloroethane	5.458	97	112201	18.51	ug/l	99
36) 1,1-Dichloropropene	5.763	75	93018	18.74	ug/l	99
37) Ethyl Acetate	4.788	43	91784	19.50	ug/l	99
38) Carbon Tetrachloride	5.751	117	100142	19.19	ug/l	99
39) Methylcyclohexane	7.434	83	106978	18.91	ug/l	97
40) Benzene	6.105	78	282281	19.31	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	49616	18.84	ug/l	99
42) 1,2-Dichloroethane	6.160	62	102545	19.67	ug/l	99
43) Isopropyl Acetate	6.403	43	145527	19.40	ug/l	98
44) Trichloroethene	7.184	130	75112	19.31	ug/l	99
45) 1,2-Dichloropropane	7.489	63	74038	19.43	ug/l	94
46) Dibromomethane	7.635	93	49367	19.30	ug/l	99
47) Bromodichloromethane	7.873	83	103810	19.21	ug/l	100
48) Methyl methacrylate	7.745	41	73505	19.39	ug/l	96
49) 1,4-Dioxane	7.708	88	35270	396.69	ug/l	95
51) 4-Methyl-2-Pentanone	8.616	43	462420	97.66	ug/l	99
52) Toluene	8.763	92	179867	19.57	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	106851	18.79	ug/l	98
54) cis-1,3-Dichloropropene	8.409	75	117743	19.20	ug/l	96
55) 1,1,2-Trichloroethane	9.196	97	76299	19.99	ug/l	98
56) Ethyl methacrylate	9.159	69	103912	18.85	ug/l	98
57) 1,3-Dichloropropane	9.348	76	127671	19.94	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	259438	98.23	ug/l	98
59) 2-Hexanone	9.470	43	343834	97.54	ug/l	98
60) Dibromochloromethane	9.561	129	83464	19.78	ug/l	99
61) 1,2-Dibromoethane	9.653	107	77107	19.52	ug/l	100
64) Tetrachloroethene	9.318	164	72156	19.84	ug/l	95
65) Chlorobenzene	10.116	112	192467	18.76	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.201	131	74898	19.66	ug/l	97
67) Ethyl Benzene	10.232	91	335119	18.84	ug/l	99
68) m/p-Xylenes	10.342	106	255658	38.53	ug/l	98
69) o-Xylene	10.677	106	119935	19.22	ug/l	96
70) Styrene	10.695	104	208259	19.44	ug/l	98
71) Bromoform	10.836	173	59671	19.51	ug/l #	99
73) Isopropylbenzene	11.000	105	332926	19.24	ug/l	100
74) N-amyl acetate	10.878	43	120705	17.92	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	110923	19.03	ug/l	98
76) 1,2,3-Trichloropropane	11.281	75	110471m	19.90	ug/l	
77) Bromobenzene	11.238	156	84780	19.36	ug/l	98
78) n-propylbenzene	11.342	91	380634	19.06	ug/l	99
79) 2-Chlorotoluene	11.402	91	233904	19.17	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	287790	19.46	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	35070	17.70	ug/l	95
82) 4-Chlorotoluene	11.494	91	270794	18.75	ug/l	99
83) tert-Butylbenzene	11.756	119	270622	18.95	ug/l	97
84) 1,2,4-Trimethylbenzene	11.793	105	288790	19.36	ug/l	99
85) sec-Butylbenzene	11.927	105	319075	19.33	ug/l	100
86) p-Isopropyltoluene	12.049	119	294383	19.22	ug/l	98
87) 1,3-Dichlorobenzene	12.006	146	154539	19.37	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	150081	18.11	ug/l	97
89) n-Butylbenzene	12.372	91	253364	18.47	ug/l	99
90) Hexachloroethane	12.579	117	51382	18.63	ug/l	93
91) 1,2-Dichlorobenzene	12.372	146	145761	18.96	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.981	75	21911	16.96	ug/l	96
93) 1,2,4-Trichlorobenzene	13.628	180	91236	18.30	ug/l	98
94) Hexachlorobutadiene	13.762	225	42609	18.13	ug/l	95
95) Naphthalene	13.817	128	291154	17.82	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	91549	18.86	ug/l	98

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

