

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012721\
 Data File : VX020771.D
 Acq On : 27 Jan 2021 15:34
 Operator : JC/SP
 Sample : VX0127WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0127WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/28/2021 2:15:37 PM

Quant Time: Jan 28 00:43:33 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	333986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	518516	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	487455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	248003	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	204964	44.99	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.98%		
35) Dibromofluoromethane	5.458	113	172882	48.68	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.36%		
50) Toluene-d8	8.695	98	636472	48.88	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.76%		
62) 4-Bromofluorobenzene	11.122	95	248156	49.07	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.14%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	94556	18.68	ug/l	97
3) Chloromethane	1.313	50	83235	17.72	ug/l	100
4) Vinyl Chloride	1.392	62	83306	17.79	ug/l	98
5) Bromomethane	1.624	94	47630	21.17	ug/l	98
6) Chloroethane	1.709	64	48029	18.11	ug/l	97
7) Trichlorofluoromethane	1.910	101	115796	18.22	ug/l	99
8) Diethyl Ether	2.166	74	40620	17.81	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.361	101	60471	18.64	ug/l	99
10) Methyl Iodide	2.489	142	79194	17.41	ug/l	95
11) Tert butyl alcohol	3.014	59	71900	84.55	ug/l	99
12) 1,1-Dichloroethene	2.355	96	58225	18.15	ug/l	97
13) Acrolein	2.270	56	45034	70.21	ug/l	99
14) Allyl chloride	2.703	41	101265	16.95	ug/l	95
15) Acrylonitrile	3.111	53	184502	85.71	ug/l	100
16) Acetone	2.416	43	161754	93.65	ug/l	99
17) Carbon Disulfide	2.544	76	173530	17.38	ug/l	98
18) Methyl Acetate	2.745	43	79150	17.94	ug/l	98
19) Methyl tert-butyl Ether	3.166	73	217055	18.09	ug/l	100
20) Methylene Chloride	2.831	84	75678	17.36	ug/l	96
21) trans-1,2-Dichloroethene	3.142	96	69494	17.34	ug/l	99
22) Diisopropyl ether	3.818	45	215358	18.34	ug/l	97
23) Vinyl Acetate	3.782	43	855847	88.60	ug/l	99
24) 1,1-Dichloroethane	3.666	63	126047	17.76	ug/l	100
25) 2-Butanone	4.629	43	233941	86.48	ug/l	99
26) 2,2-Dichloropropane	4.544	77	103204	18.12	ug/l	100
27) cis-1,2-Dichloroethene	4.556	96	78600	17.89	ug/l	99
28) Bromochloromethane	4.970	49	48627	15.99	ug/l	99
29) Tetrahydrofuran	5.086	42	149313	85.70	ug/l	97
30) Chloroform	5.166	83	132721	18.19	ug/l	97
31) Cyclohexane	5.544	56	108052	17.64	ug/l	96
32) 1,1,1-Trichloroethane	5.464	97	115441	17.98	ug/l	99
36) 1,1-Dichloropropene	5.763	75	96926	18.63	ug/l	100
37) Ethyl Acetate	4.788	43	88340	17.90	ug/l	99
38) Carbon Tetrachloride	5.751	117	104494	19.10	ug/l	97
39) Methylcyclohexane	7.440	83	109914	18.53	ug/l	98
40) Benzene	6.104	78	290576	18.96	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	50169	18.17	ug/l	99
42) 1,2-Dichloroethane	6.153	62	102716	18.79	ug/l	100
43) Isopropyl Acetate	6.409	43	140287	17.84	ug/l	99
44) Trichloroethene	7.184	130	76600	18.78	ug/l	99
45) 1,2-Dichloropropane	7.482	63	75152	18.81	ug/l	98
46) Dibromomethane	7.635	93	51028	19.03	ug/l	99
47) Bromodichloromethane	7.872	83	105396	18.61	ug/l	100
48) Methyl methacrylate	7.744	41	70895	17.84	ug/l	96
49) 1,4-Dioxane	7.708	88	35935	385.53	ug/l	98
51) 4-Methyl-2-Pentanone	8.616	43	450933	90.84	ug/l	100
52) Toluene	8.762	92	184881	19.19	ug/l	98
53) t-1,3-Dichloropropene	9.019	75	107880	18.10	ug/l	99
54) cis-1,3-Dichloropropene	8.409	75	119896	18.65	ug/l	95
55) 1,1,2-Trichloroethane	9.189	97	75443	18.85	ug/l	97
56) Ethyl methacrylate	9.159	69	101425	17.74	ug/l	99
57) 1,3-Dichloropropane	9.348	76	127735	19.03	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	254360	91.87	ug/l	100
59) 2-Hexanone	9.470	43	341957	92.54	ug/l	99
60) Dibromochloromethane	9.561	129	82715	18.70	ug/l	99
61) 1,2-Dibromoethane	9.653	107	78213	18.89	ug/l	99
64) Tetrachloroethene	9.317	164	76119	20.37	ug/l	97
65) Chlorobenzene	10.116	112	198569	18.83	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	73056	18.66	ug/l	99
67) Ethyl Benzene	10.232	91	349581	19.12	ug/l	98
68) m/p-Xylenes	10.341	106	261296	38.32	ug/l	96
69) o-Xylene	10.683	106	126261	19.69	ug/l	99
70) Styrene	10.695	104	213160	19.36	ug/l	99
71) Bromoform	10.841	173	60486	19.25	ug/l #	99
73) Isopropylbenzene	11.000	105	342830	19.13	ug/l	99
74) N-amyl acetate	10.878	43	115061	16.65	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	111158	18.41	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	108855m	18.93	ug/l	
77) Bromobenzene	11.238	156	84708	18.67	ug/l	98
78) n-propylbenzene	11.341	91	392153	18.95	ug/l	100
79) 2-Chlorotoluene	11.402	91	240943	19.06	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	298406	19.48	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	34411	16.76	ug/l	98
82) 4-Chlorotoluene	11.494	91	283413	18.94	ug/l	98
83) tert-Butylbenzene	11.756	119	277699	18.77	ug/l	96
84) 1,2,4-Trimethylbenzene	11.792	105	302056	19.55	ug/l	99
85) sec-Butylbenzene	11.927	105	333800	19.52	ug/l	100
86) p-Isopropyltoluene	12.048	119	305575	19.25	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	156467	18.93	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	155830	18.15	ug/l	97
89) n-Butylbenzene	12.372	91	261710	18.41	ug/l	99
90) Hexachloroethane	12.579	117	51507	18.02	ug/l	98
91) 1,2-Dichlorobenzene	12.372	146	150408	18.88	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.981	75	21542	16.09	ug/l	96
93) 1,2,4-Trichlorobenzene	13.627	180	96220	18.63	ug/l	98
94) Hexachlorobutadiene	13.762	225	45548	18.71	ug/l	99
95) Naphthalene	13.816	128	292792	17.38	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	96783	19.24	ug/l	98

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

