

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012721\
 Data File : VX020772.D
 Acq On : 27 Jan 2021 16:04
 Operator : JC/SP
 Sample : VX0127WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0127WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/28/2021 2:15:41 PM

Quant Time: Jan 28 00:44:10 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	323959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	510516	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	484679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	239474	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	203420	46.04	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.08%
35) Dibromofluoromethane	5.458	113	167696	47.96	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.92%
50) Toluene-d8	8.695	98	625286	48.77	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.54%
62) 4-Bromofluorobenzene	11.116	95	242297	48.67	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.34%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	89811	18.31	ug/l	100
3) Chloromethane	1.313	50	81896	17.97	ug/l	100
4) Vinyl Chloride	1.392	62	79540	17.51	ug/l	99
5) Bromomethane	1.624	94	46171	21.15	ug/l	97
6) Chloroethane	1.709	64	46815	18.20	ug/l	99
7) Trichlorofluoromethane	1.916	101	112904	18.32	ug/l	98
8) Diethyl Ether	2.166	74	40112	18.14	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.361	101	58882	18.72	ug/l	99
10) Methyl Iodide	2.489	142	80805	18.31	ug/l	94
11) Tert butyl alcohol	3.014	59	76056	92.20	ug/l	99
12) 1,1-Dichloroethene	2.355	96	56386	18.12	ug/l	97
13) Acrolein	2.270	56	47555	76.44	ug/l	99
14) Allyl chloride	2.703	41	100202	17.29	ug/l	93
15) Acrylonitrile	3.111	53	187575	89.84	ug/l	100
16) Acetone	2.416	43	145786	87.02	ug/l	98
17) Carbon Disulfide	2.550	76	166922	17.25	ug/l	99
18) Methyl Acetate	2.745	43	80437	18.79	ug/l	98
19) Methyl tert-butyl Ether	3.166	73	219284	18.84	ug/l	98
20) Methylene Chloride	2.831	84	76216	18.03	ug/l	99
21) trans-1,2-Dichloroethene	3.142	96	67909	17.47	ug/l	98
22) Diisopropyl ether	3.818	45	212463	18.66	ug/l	96
23) Vinyl Acetate	3.782	43	859897	91.78	ug/l	100
24) 1,1-Dichloroethane	3.666	63	122064	17.73	ug/l	99
25) 2-Butanone	4.629	43	234969	89.54	ug/l	99
26) 2,2-Dichloropropane	4.544	77	100292	18.16	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	78436	18.40	ug/l	99
28) Bromochloromethane	4.971	49	48604	16.47	ug/l	98
29) Tetrahydrofuran	5.086	42	152925	90.49	ug/l	98
30) Chloroform	5.172	83	131021	18.52	ug/l	99
31) Cyclohexane	5.544	56	104051	17.51	ug/l	98
32) 1,1,1-Trichloroethane	5.458	97	114373	18.36	ug/l	99
36) 1,1-Dichloropropene	5.763	75	93176	18.19	ug/l	98
37) Ethyl Acetate	4.794	43	92507	19.04	ug/l	98
38) Carbon Tetrachloride	5.751	117	100435	18.64	ug/l	99
39) Methylcyclohexane	7.440	83	108519	18.58	ug/l	98
40) Benzene	6.111	78	286754	19.00	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	50370	18.53	ug/l	99
42) 1,2-Dichloroethane	6.159	62	101596	18.88	ug/l	100
43) Isopropyl Acetate	6.409	43	140381	18.13	ug/l	100
44) Trichloroethene	7.190	130	75208	18.73	ug/l	96
45) 1,2-Dichloropropane	7.482	63	74108	18.84	ug/l	94
46) Dibromomethane	7.635	93	51118	19.36	ug/l	97
47) Bromodichloromethane	7.872	83	103500	18.56	ug/l	97
48) Methyl methacrylate	7.744	41	72009	18.40	ug/l	96
49) 1,4-Dioxane	7.708	88	36632	399.17	ug/l	100
51) 4-Methyl-2-Pentanone	8.616	43	462174	94.57	ug/l	100
52) Toluene	8.763	92	180869	19.06	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	106616	18.17	ug/l	98
54) cis-1,3-Dichloropropene	8.409	75	119781	18.93	ug/l	97
55) 1,1,2-Trichloroethane	9.195	97	76100	19.32	ug/l	97
56) Ethyl methacrylate	9.159	69	104191	18.39	ug/l	98
57) 1,3-Dichloropropane	9.348	76	129264	19.56	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	262841	96.42	ug/l	99
59) 2-Hexanone	9.470	43	346790	95.32	ug/l	99
60) Dibromochloromethane	9.561	129	84046	19.30	ug/l	99
61) 1,2-Dibromoethane	9.653	107	78138	19.16	ug/l	99
64) Tetrachloroethene	9.317	164	76586	20.61	ug/l	97
65) Chlorobenzene	10.116	112	193888	18.49	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.201	131	74242	19.07	ug/l	100
67) Ethyl Benzene	10.232	91	342713	18.85	ug/l	100
68) m/p-Xylenes	10.342	106	254703	37.57	ug/l	96
69) o-Xylene	10.683	106	121980	19.13	ug/l	96
70) Styrene	10.695	104	214921	19.63	ug/l	99
71) Bromoform	10.835	173	58360	18.68	ug/l #	98
73) Isopropylbenzene	11.000	105	341463	19.73	ug/l	99
74) N-amyl acetate	10.878	43	118525	17.63	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	110866	19.01	ug/l	98
76) 1,2,3-Trichloropropane	11.274	75	109001m	19.63	ug/l	
77) Bromobenzene	11.238	156	85161	19.44	ug/l	98
78) n-propylbenzene	11.341	91	386074	19.32	ug/l	100
79) 2-Chlorotoluene	11.402	91	236869	19.41	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	291946	19.73	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.055	75	34294	17.30	ug/l	95
82) 4-Chlorotoluene	11.494	91	274444	19.00	ug/l	99
83) tert-Butylbenzene	11.750	119	272918	19.11	ug/l	96
84) 1,2,4-Trimethylbenzene	11.786	105	295742	19.82	ug/l	99
85) sec-Butylbenzene	11.927	105	325284	19.70	ug/l	99
86) p-Isopropyltoluene	12.049	119	301525	19.68	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	152581	19.11	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	154287	18.61	ug/l	99
89) n-Butylbenzene	12.372	91	254727	18.56	ug/l	99
90) Hexachloroethane	12.579	117	50283	18.22	ug/l	98
91) 1,2-Dichlorobenzene	12.372	146	148765	19.34	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	22881	17.70	ug/l	91
93) 1,2,4-Trichlorobenzene	13.628	180	92868	18.62	ug/l	97
94) Hexachlorobutadiene	13.762	225	43032	18.31	ug/l	98
95) Naphthalene	13.817	128	293453	17.93	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	94000	19.35	ug/l	99

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

