

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070820\
 Data File : VX017279.D
 Acq On : 09 Jul 2020 00:33
 Operator : JC/SP
 Sample : VX0708WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD03

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 11:00:06 AM

Quant Time: Jul 09 05:47:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	279549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	425072	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	406847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	221213	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	162203	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
35) Dibromofluoromethane	5.47	113	133517	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	8.70	98	477267	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	11.12	95	191358	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	42853	15.845	ug/l	99
3) Chloromethane	1.31	50	46083	14.077	ug/l	93
4) Vinyl Chloride	1.39	62	48445	15.950	ug/l	100
5) Bromomethane	1.63	94	33123	20.641	ug/l	95
6) Chloroethane	1.72	64	31296	17.446	ug/l	98
7) Trichlorofluoromethane	1.92	101	87156	19.402	ug/l	99
8) Diethyl Ether	2.17	74	30011	20.076	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48771	18.115	ug/l	97
10) Methyl Iodide	2.49	142	48967	14.095	ug/l	98
11) Tert butyl alcohol	3.01	59	61191	93.074	ug/l	99
12) 1,1-Dichloroethene	2.36	96	48531	17.547	ug/l	98
13) Acrolein	2.28	56	31662	80.563	ug/l	97
14) Allyl chloride	2.71	41	83207	16.279	ug/l	98
15) Acrylonitrile	3.12	53	146401	92.631	ug/l	99
16) Acetone	2.42	43	127089	98.578	ug/l	100
17) Carbon Disulfide	2.55	76	125012	16.213	ug/l	97
18) Methyl Acetate	2.75	43	67596	20.085	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	174726	18.823	ug/l	100
20) Methylene Chloride	2.84	84	56467	18.606	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	54556	17.775	ug/l	98
22) Diisopropyl ether	3.82	45	172916	18.278	ug/l	97
23) Vinyl Acetate	3.79	43	739218	90.933	ug/l	100
24) 1,1-Dichloroethane	3.67	63	96264	17.884	ug/l	98
25) 2-Butanone	4.64	43	198686	92.491	ug/l	97
26) 2,2-Dichloropropane	4.55	77	71685	14.999	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	59488	17.106	ug/l	98
28) Bromochloromethane	4.98	49	45260	17.279	ug/l	97
29) Tetrahydrofuran	5.09	42	130758	92.126	ug/l	99
30) Chloroform	5.18	83	103593	18.774	ug/l	99
31) Cyclohexane	5.56	56	75455	16.217	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	94571	18.610	ug/l	98
36) 1,1-Dichloropropene	5.77	75	72278	17.991	ug/l	99
37) Ethyl Acetate	4.79	43	77988	19.133	ug/l	98
38) Carbon Tetrachloride	5.76	117	85245	19.265	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	74115	16.581	ug/l	98
40) Benzene	6.12	78	213806	18.113	ug/l	100
41) Methacrylonitrile	5.01	41	43724	19.059	ug/l	98
42) 1,2-Dichloroethane	6.17	62	82853	19.432	ug/l	99
43) Isopropyl Acetate	6.42	43	124559	18.390	ug/l	99
44) Trichloroethene	7.19	130	63570	19.326	ug/l	97
45) 1,2-Dichloropropane	7.49	63	56113	18.508	ug/l	96
46) Dibromomethane	7.64	93	38926	18.806	ug/l	95
47) Bromodichloromethane	7.88	83	84165	19.731	ug/l	96
48) Methyl methacrylate	7.74	41	61364	19.069	ug/l	96
49) 1,4-Dioxane	7.71	88	25022	343.225	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	398204	98.624	ug/l	100
52) Toluene	8.76	92	139596	18.942	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	89544	19.026	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	91235	18.084	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	59298	19.693	ug/l	98
56) Ethyl methacrylate	9.16	69	82538	19.259	ug/l	99
57) 1,3-Dichloropropane	9.35	76	97197	19.077	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	196349	92.055	ug/l	98
59) 2-Hexanone	9.47	43	296415	100.521	ug/l	100
60) Dibromochloromethane	9.57	129	71097	20.330	ug/l	99
61) 1,2-Dibromoethane	9.65	107	62887	19.430	ug/l	99
64) Tetrachloroethene	9.32	164	66038	20.112	ug/l	93
65) Chlorobenzene	10.12	112	158634	18.892	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	62778	19.399	ug/l	98
67) Ethyl Benzene	10.24	91	263540	18.793	ug/l	97
68) m/p-Xylenes	10.34	106	201896	37.496	ug/l	96
69) o-Xylene	10.68	106	96018	18.745	ug/l	99
70) Styrene	10.70	104	169002	19.375	ug/l	99
71) Bromoform	10.84	173	55680	21.697	ug/l #	98
73) Isopropylbenzene	11.00	105	266938	18.423	ug/l	99
74) N-amyl acetate	10.88	43	109842	17.766	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	84641	18.570	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	82542m	18.975	ug/l	
77) Bromobenzene	11.24	156	74140	18.617	ug/l	98
78) n-propylbenzene	11.34	91	297816	18.176	ug/l	100
79) 2-Chlorotoluene	11.40	91	185720	18.728	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	226903	18.879	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	28349	16.877	ug/l	96
82) 4-Chlorotoluene	11.49	91	219504	18.516	ug/l	100
83) tert-Butylbenzene	11.76	119	217989	18.476	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	229029	18.783	ug/l	100
85) sec-Butylbenzene	11.93	105	248443	17.914	ug/l	100
86) p-Isopropyltoluene	12.05	119	237520	18.397	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	132088	18.263	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	132879	19.364	ug/l	98
89) n-Butylbenzene	12.37	91	192542	16.702	ug/l	99
90) Hexachloroethane	12.58	117	44113	17.326	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	126329	18.686	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20490	18.845	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	83952	18.193	ug/l	99
94) Hexachlorobutadiene	13.77	225	31936	18.772	ug/l	97
95) Naphthalene	13.82	128	263335	18.771	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	83379	18.671	ug/l	99

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

