

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070820\
 Data File : VX017246.D
 Acq On : 08 Jul 2020 11:32
 Operator : JC/SP
 Sample : VX0708WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:59:47 AM

Quant Time: Jul 08 15:53:57 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	293066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	433898	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	401634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	224720	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	166597	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
35) Dibromofluoromethane	5.46	113	137667	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
50) Toluene-d8	8.70	98	490310	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.12	95	189114	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	49577	17.486	ug/l	96
3) Chloromethane	1.31	50	49304	14.366	ug/l	98
4) Vinyl Chloride	1.39	62	51192	16.077	ug/l	98
5) Bromomethane	1.63	94	35356	21.017	ug/l	98
6) Chloroethane	1.71	64	32703	17.390	ug/l	90
7) Trichlorofluoromethane	1.92	101	92629	19.670	ug/l	98
8) Diethyl Ether	2.17	74	31458	20.074	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50394	17.854	ug/l	96
10) Methyl Iodide	2.49	142	50011	13.732	ug/l	99
11) Tert butyl alcohol	3.01	59	57585	83.549	ug/l	98
12) 1,1-Dichloroethene	2.35	96	45972	15.855	ug/l	97
13) Acrolein	2.27	56	36492	88.570	ug/l	96
14) Allyl chloride	2.71	41	86222	16.091	ug/l	95
15) Acrylonitrile	3.11	53	136537	82.405	ug/l	98
16) Acetone	2.42	43	119756	88.606	ug/l	98
17) Carbon Disulfide	2.55	76	134149	16.595	ug/l	99
18) Methyl Acetate	2.75	43	63336	17.951	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	178816	18.376	ug/l	98
20) Methylene Chloride	2.83	84	57806	18.150	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	56905	17.685	ug/l	99
22) Diisopropyl ether	3.82	45	178755	18.024	ug/l #	93
23) Vinyl Acetate	3.78	43	749211	87.912	ug/l	100
24) 1,1-Dichloroethane	3.67	63	101002	17.898	ug/l	98
25) 2-Butanone	4.63	43	186082	82.628	ug/l	100
26) 2,2-Dichloropropane	4.54	77	94085	18.777	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	63730	17.480	ug/l	99
28) Bromochloromethane	4.98	49	46513	16.938	ug/l	95
29) Tetrahydrofuran	5.08	42	119223	80.124	ug/l	98
30) Chloroform	5.17	83	107618	18.604	ug/l	99
31) Cyclohexane	5.54	56	81149	16.637	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	100439	18.853	ug/l	100
36) 1,1-Dichloropropene	5.76	75	74665	18.207	ug/l	98
37) Ethyl Acetate	4.79	43	74277	17.852	ug/l	98
38) Carbon Tetrachloride	5.75	117	89328	19.777	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	84247	18.464	ug/l	96
40) Benzene	6.11	78	224486	18.631	ug/l	96
41) Methacrylonitrile	5.00	41	41885	17.886	ug/l	98
42) 1,2-Dichloroethane	6.16	62	86928	19.973	ug/l	100
43) Isopropyl Acetate	6.41	43	123232	17.824	ug/l	99
44) Trichloroethene	7.18	130	68649	20.464	ug/l	98
45) 1,2-Dichloropropane	7.49	63	58494	18.901	ug/l	97
46) Dibromomethane	7.63	93	40603	19.217	ug/l	97
47) Bromodichloromethane	7.87	83	86515	19.870	ug/l	95
48) Methyl methacrylate	7.74	41	59792	18.203	ug/l	98
49) 1,4-Dioxane	7.71	88	24668	331.486	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	375887	91.203	ug/l	99
52) Toluene	8.76	92	143023	19.012	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	91479	19.042	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	97188	18.872	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	60336	19.631	ug/l	98
56) Ethyl methacrylate	9.16	69	81754	18.688	ug/l	99
57) 1,3-Dichloropropane	9.35	76	98431	18.926	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	209546	96.244	ug/l	99
59) 2-Hexanone	9.47	43	275667	91.583	ug/l	99
60) Dibromochloromethane	9.56	129	72134	20.207	ug/l	99
61) 1,2-Dibromoethane	9.65	107	64185	19.428	ug/l	99
64) Tetrachloroethene	9.32	164	67527	20.832	ug/l	98
65) Chlorobenzene	10.12	112	161123	19.437	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	64916	20.320	ug/l	98
67) Ethyl Benzene	10.23	91	269857	19.493	ug/l	99
68) m/p-Xylenes	10.34	106	211109	39.716	ug/l	99
69) o-Xylene	10.68	106	97631	19.308	ug/l	99
70) Styrene	10.69	104	168017	19.512	ug/l	98
71) Bromoform	10.84	173	52646	20.781	ug/l	# 99
73) Isopropylbenzene	11.00	105	271364	18.436	ug/l	99
74) N-amyl acetate	10.88	43	105994	16.876	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	82466	17.811	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	80931m	18.314	ug/l	
77) Bromobenzene	11.24	156	75537	18.672	ug/l	96
78) n-propylbenzene	11.34	91	307365	18.466	ug/l	99
79) 2-Chlorotoluene	11.40	91	186150	18.478	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	231430	18.955	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	29194	17.108	ug/l	95
82) 4-Chlorotoluene	11.49	91	219387	18.217	ug/l	97
83) tert-Butylbenzene	11.76	119	225474	18.812	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	235479	19.011	ug/l	100
85) sec-Butylbenzene	11.93	105	259182	18.397	ug/l	99
86) p-Isopropyltoluene	12.05	119	248105	18.917	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	134146	18.258	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	138612	19.890	ug/l	100
89) n-Butylbenzene	12.37	91	202122	17.260	ug/l	99
90) Hexachloroethane	12.58	117	47264	18.274	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	132189	19.248	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18324	16.590	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	81707	17.430	ug/l	99
94) Hexachlorobutadiene	13.77	225	34345	19.824	ug/l	99
95) Naphthalene	13.82	128	244119	17.130	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	80658	17.780	ug/l	96

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

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