

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070620\
 Data File : VX017167.D
 Acq On : 06 Jul 2020 14:55
 Operator : JC/SP
 Sample : VX0706WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 12:24:42 PM

Quant Time: Jul 06 16:23:28 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	5.64	168	323240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	484962	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	455855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	249961	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	194841	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	5.47	113	158266	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
50) Toluene-d8	8.70	98	574902	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.12	95	227597	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	56454	18.053	ug/l	97
3) Chloromethane	1.31	50	56044	14.806	ug/l	97
4) Vinyl Chloride	1.39	62	57874	16.479	ug/l	100
5) Bromomethane	1.63	94	38630	20.819	ug/l	99
6) Chloroethane	1.72	64	37104	17.888	ug/l	92
7) Trichlorofluoromethane	1.92	101	104644	20.147	ug/l	97
8) Diethyl Ether	2.17	74	33154	19.197	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	56014	17.993	ug/l	97
10) Methyl Iodide	2.50	142	52649	13.107	ug/l	98
11) Tert butyl alcohol	3.01	59	66311	87.228	ug/l	98
12) 1,1-Dichloroethene	2.36	96	52705	16.481	ug/l	96
13) Acrolein	2.27	56	22361	49.206	ug/l	98
14) Allyl chloride	2.71	41	96666	16.356	ug/l	95
15) Acrylonitrile	3.12	53	154309	84.438	ug/l	98
16) Acetone	2.42	43	130126	87.291	ug/l	97
17) Carbon Disulfide	2.55	76	157689	17.685	ug/l	98
18) Methyl Acetate	2.75	43	70133	18.022	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	200769	18.706	ug/l	98
20) Methylene Chloride	2.84	84	66467	18.955	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	63768	17.968	ug/l	97
22) Diisopropyl ether	3.82	45	195275	17.852	ug/l	95
23) Vinyl Acetate	3.79	43	850832	90.516	ug/l	98
24) 1,1-Dichloroethane	3.67	63	109616	17.612	ug/l	96
25) 2-Butanone	4.64	43	211015	84.953	ug/l	100
26) 2,2-Dichloropropane	4.56	77	102815	18.604	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	71032	17.664	ug/l	99
28) Bromochloromethane	4.98	49	58201	19.216	ug/l	94
29) Tetrahydrofuran	5.09	42	139596	85.059	ug/l	98
30) Chloroform	5.18	83	116260	18.222	ug/l	100
31) Cyclohexane	5.55	56	94172	17.504	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	110823	18.860	ug/l	99
36) 1,1-Dichloropropene	5.77	75	84640	18.466	ug/l	98
37) Ethyl Acetate	4.79	43	87023	18.713	ug/l	99
38) Carbon Tetrachloride	5.76	117	102134	20.231	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	94142	18.460	ug/l	98
40) Benzene	6.12	78	249767	18.547	ug/l	97
41) Methacrylonitrile	5.01	41	47724	18.233	ug/l	97
42) 1,2-Dichloroethane	6.17	62	96773	19.894	ug/l	99
43) Isopropyl Acetate	6.42	43	139654	18.072	ug/l	99
44) Trichloroethene	7.19	130	75551	20.145	ug/l	95
45) 1,2-Dichloropropane	7.49	63	65883	19.047	ug/l	100
46) Dibromomethane	7.64	93	45382	19.218	ug/l	94
47) Bromodichloromethane	7.88	83	96728	19.876	ug/l	99
48) Methyl methacrylate	7.74	41	67956	18.510	ug/l	98
49) 1,4-Dioxane	7.71	88	29090	349.748	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	431322	93.634	ug/l	100
52) Toluene	8.77	92	162743	19.356	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	106112	19.762	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	110093	19.127	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	67465	19.639	ug/l	96
56) Ethyl methacrylate	9.16	69	93045	19.029	ug/l	100
57) 1,3-Dichloropropane	9.35	76	110090	18.939	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	244283	100.384	ug/l	97
59) 2-Hexanone	9.47	43	323441	96.140	ug/l	99
60) Dibromochloromethane	9.57	129	80019	20.055	ug/l	99
61) 1,2-Dibromoethane	9.65	107	72320	19.585	ug/l	98
64) Tetrachloroethene	9.32	164	73053	19.857	ug/l	96
65) Chlorobenzene	10.12	112	181170	19.256	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	72981	20.127	ug/l	99
67) Ethyl Benzene	10.23	91	307079	19.544	ug/l	99
68) m/p-Xylenes	10.34	106	237650	39.391	ug/l	97
69) o-Xylene	10.68	106	110559	19.264	ug/l	99
70) Styrene	10.70	104	193371	19.786	ug/l	99
71) Bromoform	10.84	173	61508	21.392	ug/l #	100
73) Isopropylbenzene	11.00	105	307228	18.765	ug/l	99
74) N-amyl acetate	10.88	43	121451	17.385	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	92481	17.957	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	93132m	18.947	ug/l	
77) Bromobenzene	11.24	156	86028	19.118	ug/l	96
78) n-propylbenzene	11.34	91	350846	18.950	ug/l	99
79) 2-Chlorotoluene	11.40	91	214295	19.124	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	266445	19.619	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	31978	16.848	ug/l	87
82) 4-Chlorotoluene	11.49	91	255231	19.054	ug/l	98
83) tert-Butylbenzene	11.76	119	256316	19.226	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	267730	19.432	ug/l	100
85) sec-Butylbenzene	11.93	105	297640	18.993	ug/l	99
86) p-Isopropyltoluene	12.05	119	282181	19.343	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	154877	18.951	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	154094	19.878	ug/l	100
89) n-Butylbenzene	12.37	91	239203	18.363	ug/l	99
90) Hexachloroethane	12.58	117	52674	18.310	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	146508	19.178	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21234	17.283	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	103102	19.774	ug/l	98
94) Hexachlorobutadiene	13.76	225	37626	19.537	ug/l	97
95) Naphthalene	13.82	128	306016	19.305	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	96527	19.129	ug/l	97

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

