

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070820\
 Data File : VX017247.D
 Acq On : 08 Jul 2020 12:05
 Operator : JC/SP
 Sample : VX0708WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:59:49 AM

Quant Time: Jul 08 15:55:09 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	283593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	417088	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	389054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215621	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	162531	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
35) Dibromofluoromethane	5.46	113	132056	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	8.70	98	472330	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	11.12	95	183181	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	45417	16.554	ug/l	99
3) Chloromethane	1.31	50	49065	14.774	ug/l	97
4) Vinyl Chloride	1.39	62	49493	16.063	ug/l	96
5) Bromomethane	1.63	94	34418	21.143	ug/l	95
6) Chloroethane	1.71	64	31453	17.284	ug/l	93
7) Trichlorofluoromethane	1.92	101	87844	19.277	ug/l	97
8) Diethyl Ether	2.17	74	30388	20.039	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48454	17.741	ug/l	95
10) Methyl Iodide	2.49	142	50471	14.321	ug/l	99
11) Tert butyl alcohol	3.01	59	56257	84.349	ug/l	100
12) 1,1-Dichloroethene	2.36	96	45685	16.283	ug/l	94
13) Acrolein	2.27	56	38058	95.456	ug/l	98
14) Allyl chloride	2.70	41	81518	15.721	ug/l	94
15) Acrylonitrile	3.11	53	133981	83.564	ug/l	99
16) Acetone	2.42	43	115312	88.168	ug/l	97
17) Carbon Disulfide	2.55	76	128325	16.405	ug/l	99
18) Methyl Acetate	2.75	43	60806	17.810	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	174541	18.535	ug/l	96
20) Methylene Chloride	2.83	84	57696	18.746	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	53035	17.033	ug/l	99
22) Diisopropyl ether	3.82	45	172988	18.025	ug/l	94
23) Vinyl Acetate	3.78	43	736809	89.345	ug/l	98
24) 1,1-Dichloroethane	3.67	63	96528	17.677	ug/l	99
25) 2-Butanone	4.63	43	183304	84.113	ug/l	99
26) 2,2-Dichloropropane	4.55	77	86568	17.854	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	61229	17.355	ug/l	100
28) Bromochloromethane	4.98	49	45083	16.966	ug/l	95
29) Tetrahydrofuran	5.09	42	115815	80.434	ug/l	98
30) Chloroform	5.17	83	102729	18.352	ug/l	98
31) Cyclohexane	5.54	56	76425	16.192	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	93549	18.146	ug/l	99
36) 1,1-Dichloropropene	5.76	75	70944	17.997	ug/l	97
37) Ethyl Acetate	4.79	43	72157	18.041	ug/l	97
38) Carbon Tetrachloride	5.75	117	85513	19.695	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	78278	17.847	ug/l	95
40) Benzene	6.11	78	212366	18.336	ug/l	97
41) Methacrylonitrile	5.00	41	41683	18.517	ug/l	98
42) 1,2-Dichloroethane	6.16	62	85287	20.386	ug/l	99
43) Isopropyl Acetate	6.41	43	122246	18.394	ug/l	99
44) Trichloroethene	7.18	130	65282	20.241	ug/l	98
45) 1,2-Dichloropropane	7.49	63	57823	19.438	ug/l	98
46) Dibromomethane	7.63	93	40091	19.740	ug/l	95
47) Bromodichloromethane	7.87	83	85512	20.431	ug/l	95
48) Methyl methacrylate	7.74	41	57906	18.339	ug/l	96
49) 1,4-Dioxane	7.71	88	24354	340.457	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	370974	93.639	ug/l	99
52) Toluene	8.76	92	138600	19.167	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	91036	19.714	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	94856	19.161	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	58348	19.749	ug/l	97
56) Ethyl methacrylate	9.16	69	80282	19.091	ug/l	99
57) 1,3-Dichloropropane	9.35	76	97643	19.531	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	206561	98.696	ug/l	99
59) 2-Hexanone	9.47	43	272753	94.267	ug/l	99
60) Dibromochloromethane	9.56	129	69749	20.326	ug/l	100
61) 1,2-Dibromoethane	9.65	107	62090	19.551	ug/l	99
64) Tetrachloroethene	9.32	164	63868	20.341	ug/l	95
65) Chlorobenzene	10.12	112	156476	19.487	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	62796	20.292	ug/l	97
67) Ethyl Benzene	10.23	91	258118	19.248	ug/l	99
68) m/p-Xylenes	10.34	106	203437	39.510	ug/l	100
69) o-Xylene	10.68	106	93317	19.051	ug/l	98
70) Styrene	10.70	104	166645	19.979	ug/l	100
71) Bromoform	10.84	173	52974	21.587	ug/l #	99
73) Isopropylbenzene	11.00	105	261774	18.535	ug/l	100
74) N-amyl acetate	10.88	43	103035	17.097	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	81266	18.292	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	81423m	19.203	ug/l	
77) Bromobenzene	11.24	156	73792	19.011	ug/l	95
78) n-propylbenzene	11.34	91	297127	18.604	ug/l	100
79) 2-Chlorotoluene	11.40	91	179774	18.599	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	221460	18.904	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	27881	17.028	ug/l	90
82) 4-Chlorotoluene	11.49	91	218520	18.911	ug/l	100
83) tert-Butylbenzene	11.76	119	212787	18.503	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	227437	19.137	ug/l	99
85) sec-Butylbenzene	11.93	105	249830	18.481	ug/l	100
86) p-Isopropyltoluene	12.05	119	237623	18.883	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	131995	18.723	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	133400	19.950	ug/l	98
89) n-Butylbenzene	12.37	91	196365	17.476	ug/l	100
90) Hexachloroethane	12.58	117	44809	18.056	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	124412	18.880	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19018	17.945	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	81609	18.144	ug/l	96
94) Hexachlorobutadiene	13.77	225	32763	19.713	ug/l	98
95) Naphthalene	13.82	128	245182	17.930	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	82776	19.017	ug/l	99

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

