

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100920\
 Data File : VX018857.D
 Acq On : 09 Oct 2020 16:08
 Operator : JC/SP
 Sample : VX1009WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:23:29 PM

Quant Time: Oct 10 06:40:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	213145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	303928	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.09	117	296443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	162585	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	140622	44.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.46%	
35) Dibromofluoromethane	5.46	113	103699	47.88	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.76%	
50) Toluene-d8	8.70	98	365734	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.12	95	143372	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	46407	19.435	ug/l	99
3) Chloromethane	1.31	50	37823	18.933	ug/l	98
4) Vinyl Chloride	1.39	62	40789	18.265	ug/l	99
5) Bromomethane	1.64	94	22732	18.277	ug/l	94
6) Chloroethane	1.72	64	25162	16.823	ug/l	93
7) Trichlorofluoromethane	1.92	101	79493	18.059	ug/l	98
8) Diethyl Ether	2.17	74	21826	18.456	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36390	17.214	ug/l	97
10) Methyl Iodide	2.49	142	22657	13.378	ug/l	96
11) Tert butyl alcohol	3.00	59	44694	90.268	ug/l	96
12) 1,1-Dichloroethene	2.36	96	33609	17.550	ug/l	93
13) Acrolein	2.27	56	30115	73.103	ug/l	97
14) Allyl chloride	2.71	41	60743	17.020	ug/l	97
15) Acrylonitrile	3.11	53	88680	84.451	ug/l	100
16) Acetone	2.42	43	104737	84.841	ug/l	98
17) Carbon Disulfide	2.55	76	102252	17.715	ug/l	98
18) Methyl Acetate	2.75	43	44357	16.974	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	114727	17.383	ug/l	96
20) Methylene Chloride	2.83	84	40085	18.200	ug/l	89
21) trans-1,2-Dichloroethene	3.14	96	40908	17.917	ug/l	92
22) Diisopropyl ether	3.82	45	115026	18.008	ug/l	100
23) Vinyl Acetate	3.78	43	546702	88.994	ug/l	99
24) 1,1-Dichloroethane	3.67	63	73309	17.070	ug/l	97
25) 2-Butanone	4.62	43	138430	81.299	ug/l	99
26) 2,2-Dichloropropane	4.54	77	71986	17.373	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	42963	16.945	ug/l	97
28) Bromochloromethane	4.98	49	34034	18.919	ug/l	94
29) Tetrahydrofuran	5.09	42	77311	84.627	ug/l	97
30) Chloroform	5.17	83	79631	16.830	ug/l	98
31) Cyclohexane	5.54	56	53209	18.122	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	77331	17.198	ug/l	99
36) 1,1-Dichloropropene	5.77	75	56641	17.725	ug/l	98
37) Ethyl Acetate	4.79	43	54020	17.506	ug/l	98
38) Carbon Tetrachloride	5.75	117	70912	17.904	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	55085	18.700	ug/l	99
40) Benzene	6.10	78	153993	17.937	ug/l	98
41) Methacrylonitrile	5.00	41	29543	16.503	ug/l	97
42) 1,2-Dichloroethane	6.15	62	69649	17.305	ug/l	99
43) Isopropyl Acetate	6.41	43	88647	17.285	ug/l	99
44) Trichloroethene	7.18	130	44994	17.476	ug/l	96
45) 1,2-Dichloropropane	7.49	63	41026	18.060	ug/l	93
46) Dibromomethane	7.63	93	29286	17.445	ug/l	97
47) Bromodichloromethane	7.87	83	64994	17.866	ug/l	93
48) Methyl methacrylate	7.74	41	44235	16.999	ug/l	98
49) 1,4-Dioxane	7.71	88	11743	321.835	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	269404	90.004	ug/l	100
52) Toluene	8.76	92	101261	18.380	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	66616	17.685	ug/l	94
54) cis-1,3-Dichloropropene	8.42	75	71166	18.366	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	41582	17.571	ug/l	97
56) Ethyl methacrylate	9.16	69	56656	18.372	ug/l	100
57) 1,3-Dichloropropane	9.35	76	71374	18.587	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	157490	91.982	ug/l	100
59) 2-Hexanone	9.47	43	204665	89.746	ug/l	98
60) Dibromochloromethane	9.56	129	50872	17.125	ug/l	98
61) 1,2-Dibromoethane	9.65	107	45478	17.920	ug/l	99
64) Tetrachloroethene	9.32	164	43228	19.242	ug/l	90
65) Chlorobenzene	10.12	112	113334	17.691	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	45600	17.254	ug/l	98
67) Ethyl Benzene	10.23	91	192501	17.812	ug/l	99
68) m/p-Xylenes	10.34	106	149097	36.312	ug/l	98
69) o-Xylene	10.68	106	68512	17.710	ug/l	98
70) Styrene	10.70	104	118686	18.122	ug/l	99
71) Bromoform	10.84	173	38252	16.734	ug/l #	98
73) Isopropylbenzene	11.00	105	193457	18.190	ug/l	100
74) N-amyl acetate	10.88	43	72396	17.205	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	60336	17.021	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	59434m	16.966	ug/l	
77) Bromobenzene	11.24	156	51134	17.502	ug/l	98
78) n-propylbenzene	11.34	91	221030	18.238	ug/l	99
79) 2-Chlorotoluene	11.40	91	136306	18.043	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	166313	18.281	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	20566	16.637	ug/l	98
82) 4-Chlorotoluene	11.49	91	166048	18.486	ug/l	100
83) tert-Butylbenzene	11.76	119	162543	17.841	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	169027	18.277	ug/l	97
85) sec-Butylbenzene	11.93	105	187891	18.307	ug/l	99
86) p-Isopropyltoluene	12.05	119	182605	18.753	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	91570	17.066	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	96289	17.717	ug/l	99
89) n-Butylbenzene	12.37	91	151199	17.872	ug/l	99
90) Hexachloroethane	12.58	117	30161	16.662	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	89424	17.509	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15291	16.866	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	57262	17.476	ug/l	98
94) Hexachlorobutadiene	13.76	225	26742	18.375	ug/l	98
95) Naphthalene	13.82	128	169623	17.628	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	57667	17.989	ug/l	100

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

