

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011020\
 Data File : VX014527.D
 Acq On : 10 Jan 2020 11:14
 Operator : JC/SP
 Sample : VX0110WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 11:34:41 AM

Quant Time: Jan 10 12:40:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	488795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	729210	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	647718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	327457	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	263302	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	5.48	113	218671	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	8.71	98	843828	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	11.13	95	299565	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	120914	20.077	ug/l	96
3) Chloromethane	1.32	50	124887	20.044	ug/l	95
4) Vinyl Chloride	1.40	62	143756	20.705	ug/l	96
5) Bromomethane	1.63	94	81841	17.783	ug/l	100
6) Chloroethane	1.72	64	78851	20.071	ug/l	97
7) Trichlorofluoromethane	1.92	101	155222	19.709	ug/l	100
8) Diethyl Ether	2.18	74	67675	18.835	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	93044	19.418	ug/l	99
10) Methyl Iodide	2.50	142	112254	19.565	ug/l	100
11) Tert butyl alcohol	3.02	59	113071	99.243	ug/l	99
12) 1,1-Dichloroethene	2.37	96	91290	18.910	ug/l	96
13) Acrolein	2.28	56	69271	75.855	ug/l	99
14) Allyl chloride	2.72	41	160210	18.902	ug/l	96
15) Acrylonitrile	3.12	53	271626	98.780	ug/l	98
16) Acetone	2.43	43	268612	95.598	ug/l	99
17) Carbon Disulfide	2.56	76	245111	18.196	ug/l	99
18) Methyl Acetate	2.76	43	161569	20.601	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	301736	19.470	ug/l	98
20) Methylene Chloride	2.85	84	107918	19.660	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	98945	18.774	ug/l	99
22) Diisopropyl ether	3.84	45	330882	20.201	ug/l	93
23) Vinyl Acetate	3.80	43	1294341	102.067	ug/l	99
24) 1,1-Dichloroethane	3.69	63	178690	20.054	ug/l	99
25) 2-Butanone	4.65	43	390542	95.816	ug/l	100
26) 2,2-Dichloropropane	4.58	77	144329	19.121	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	113183	19.211	ug/l	97
28) Bromochloromethane	5.00	49	72450	19.296	ug/l	97
29) Tetrahydrofuran	5.11	42	237827	98.689	ug/l	99
30) Chloroform	5.19	83	175723	20.182	ug/l	100
31) Cyclohexane	5.57	56	169125	20.278	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	149124	20.009	ug/l	99
36) 1,1-Dichloropropene	5.79	75	133188	19.422	ug/l	100
37) Ethyl Acetate	4.81	43	145570	19.543	ug/l	98
38) Carbon Tetrachloride	5.78	117	125243	19.847	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	170181	19.753	ug/l	95
40) Benzene	6.13	78	409005	20.095	ug/l	98
41) Methacrylonitrile	5.03	41	77045	19.396	ug/l	97
42) 1,2-Dichloroethane	6.18	62	141092	19.827	ug/l	99
43) Isopropyl Acetate	6.43	43	238761	19.842	ug/l	99
44) Trichloroethene	7.20	130	116029	19.837	ug/l	96
45) 1,2-Dichloropropane	7.51	63	105911	20.411	ug/l	97
46) Dibromomethane	7.65	93	69037	19.062	ug/l	98
47) Bromodichloromethane	7.89	83	132012	20.032	ug/l	94
48) Methyl methacrylate	7.76	41	115678	20.072	ug/l	98
49) 1,4-Dioxane	7.73	88	49369	404.285	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	743101	101.344	ug/l	99
52) Toluene	8.78	92	259016	19.880	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	145895	19.016	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	165152	19.927	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	103526	19.783	ug/l	94
56) Ethyl methacrylate	9.17	69	158560	19.777	ug/l	98
57) 1,3-Dichloropropane	9.36	76	173769	19.859	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	261543	95.880	ug/l	100
59) 2-Hexanone	9.48	43	572421	98.663	ug/l	99
60) Dibromochloromethane	9.57	129	105607	20.077	ug/l	100
61) 1,2-Dibromoethane	9.67	107	106745	19.256	ug/l	100
64) Tetrachloroethene	9.33	164	123173	18.974	ug/l	99
65) Chlorobenzene	10.14	112	279122	19.857	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	99821	19.899	ug/l	99
67) Ethyl Benzene	10.25	91	488904	20.406	ug/l	98
68) m/p-Xylenes	10.35	106	370508	40.085	ug/l	99
69) o-Xylene	10.69	106	182117	20.650	ug/l	97
70) Styrene	10.71	104	303479	19.940	ug/l	99
71) Bromoform	10.85	173	77757	18.945	ug/l #	98
73) Isopropylbenzene	11.01	105	475962	20.699	ug/l	99
74) N-amyl acetate	10.89	43	202944	20.005	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	151465	20.540	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	130597m	19.276	ug/l	
77) Bromobenzene	11.25	156	122930	19.277	ug/l	99
78) n-propylbenzene	11.35	91	541334	20.556	ug/l	99
79) 2-Chlorotoluene	11.42	91	320126	20.397	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	397925	20.844	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46973	18.330	ug/l	91
82) 4-Chlorotoluene	11.51	91	366172	19.876	ug/l	99
83) tert-Butylbenzene	11.76	119	375220	20.801	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	397374	20.599	ug/l	100
85) sec-Butylbenzene	11.94	105	461315	20.572	ug/l	99
86) p-Isopropyltoluene	12.06	119	423385	20.347	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	218061	19.054	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	219552	20.069	ug/l	98
89) n-Butylbenzene	12.38	91	360283	18.936	ug/l	99
90) Hexachloroethane	12.59	117	70961	19.414	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	220893	19.701	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31265	18.849	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	149262	18.898	ug/l	99
94) Hexachlorobutadiene	13.77	225	73441	19.963	ug/l	97
95) Naphthalene	13.83	128	432671	17.714	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	145501	18.671	ug/l	98

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

