

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012720\
 Data File : VX014717.D
 Acq On : 27 Jan 2020 11:38
 Operator : JC/SP
 Sample : VX0127WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0127WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 11:18:29 AM

Quant Time: Jan 28 03:43:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	432077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	640544	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	585916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	289816	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	241937	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	5.48	113	196404	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	8.71	98	745276	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
62) 4-Bromofluorobenzene	11.13	95	264534	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	110171	19.326	ug/l	97
3) Chloromethane	1.32	50	109768	18.779	ug/l	100
4) Vinyl Chloride	1.40	62	122120	19.323	ug/l	97
5) Bromomethane	1.63	94	74488	17.352	ug/l	99
6) Chloroethane	1.72	64	73668	19.530	ug/l	100
7) Trichlorofluoromethane	1.92	101	137004	18.617	ug/l	97
8) Diethyl Ether	2.18	74	62388	19.423	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	82558	19.110	ug/l	99
10) Methyl Iodide	2.50	142	105648	18.637	ug/l	98
11) Tert butyl alcohol	3.02	59	105139	92.813	ug/l	99
12) 1,1-Dichloroethene	2.37	96	77965	18.151	ug/l	98
13) Acrolein	2.28	56	74057	82.913	ug/l	99
14) Allyl chloride	2.72	41	148383	19.220	ug/l	98
15) Acrylonitrile	3.12	53	250899	95.725	ug/l	99
16) Acetone	2.43	43	271811	98.383	ug/l	99
17) Carbon Disulfide	2.56	76	208826	17.789	ug/l	100
18) Methyl Acetate	2.76	43	154978	19.634	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	275430	19.578	ug/l	100
20) Methylene Chloride	2.84	84	94691	18.505	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	86183	18.223	ug/l	98
22) Diisopropyl ether	3.84	45	300404	19.557	ug/l	91
23) Vinyl Acetate	3.80	43	1178063	100.613	ug/l	100
24) 1,1-Dichloroethane	3.69	63	159355	19.103	ug/l	99
25) 2-Butanone	4.65	43	371603	93.791	ug/l	98
26) 2,2-Dichloropropane	4.57	77	125874	18.852	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	98994	18.703	ug/l	98
28) Bromochloromethane	5.00	49	69384	18.928	ug/l	99
29) Tetrahydrofuran	5.11	42	224676	95.544	ug/l	99
30) Chloroform	5.19	83	156768	18.971	ug/l	98
31) Cyclohexane	5.57	56	144808	18.457	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	128448	18.390	ug/l	99
36) 1,1-Dichloropropene	5.79	75	115202	19.355	ug/l	99
37) Ethyl Acetate	4.81	43	137210	20.128	ug/l	98
38) Carbon Tetrachloride	5.77	117	111036	19.534	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	145435	19.505	ug/l	99
40) Benzene	6.13	78	363364	19.759	ug/l	99
41) Methacrylonitrile	5.02	41	74895	19.100	ug/l	96
42) 1,2-Dichloroethane	6.18	62	128272	20.198	ug/l	100
43) Isopropyl Acetate	6.43	43	220534	19.756	ug/l	98
44) Trichloroethene	7.20	130	99884	19.229	ug/l	96
45) 1,2-Dichloropropane	7.50	63	93752	19.788	ug/l	99
46) Dibromomethane	7.65	93	60915	19.852	ug/l	97
47) Bromodichloromethane	7.89	83	120448	20.014	ug/l	95
48) Methyl methacrylate	7.76	41	108215	20.289	ug/l	100
49) 1,4-Dioxane	7.73	88	44286	391.700	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	691263	98.113	ug/l	99
52) Toluene	8.78	92	223396	19.762	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	132472	20.443	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	148046	20.767	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	93791	20.264	ug/l	97
56) Ethyl methacrylate	9.17	69	141112	19.127	ug/l	99
57) 1,3-Dichloropropane	9.36	76	157927	19.960	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	224680	96.527	ug/l	100
59) 2-Hexanone	9.48	43	533703	97.618	ug/l	99
60) Dibromochloromethane	9.57	129	95911	19.853	ug/l	99
61) 1,2-Dibromoethane	9.67	107	97571	19.939	ug/l	100
64) Tetrachloroethene	9.33	164	105894	18.258	ug/l	98
65) Chlorobenzene	10.13	112	240721	19.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	88910	19.241	ug/l	98
67) Ethyl Benzene	10.25	91	418706	19.567	ug/l	100
68) m/p-Xylenes	10.36	106	316263	39.012	ug/l	96
69) o-Xylene	10.69	106	154367	19.724	ug/l	98
70) Styrene	10.71	104	261157	19.892	ug/l	100
71) Bromoform	10.85	173	71198	19.376	ug/l #	100
73) Isopropylbenzene	11.01	105	409323	20.087	ug/l	99
74) N-amyl acetate	10.89	43	176507	19.766	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	137678	18.922	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	121150m	17.967	ug/l	
77) Bromobenzene	11.25	156	108809	19.876	ug/l	97
78) n-propylbenzene	11.35	91	470077	20.322	ug/l	100
79) 2-Chlorotoluene	11.42	91	273581	19.548	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	340812	20.151	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43507	18.362	ug/l	95
82) 4-Chlorotoluene	11.51	91	320335	20.105	ug/l	99
83) tert-Butylbenzene	11.76	119	319911	20.129	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	341252	20.116	ug/l	99
85) sec-Butylbenzene	11.94	105	394684	20.272	ug/l	100
86) p-Isopropyltoluene	12.06	119	366751	20.383	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	189345	19.245	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	192273	19.510	ug/l	99
89) n-Butylbenzene	12.39	91	307788	19.641	ug/l	99
90) Hexachloroethane	12.59	117	63479	18.994	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	192102	19.659	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29318	18.755	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	124532	19.767	ug/l	97
94) Hexachlorobutadiene	13.78	225	65592	20.229	ug/l	100
95) Naphthalene	13.83	128	361954	18.416	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	125490	19.700	ug/l	98

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

