

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013020\
 Data File : VX014770.D
 Acq On : 30 Jan 2020 11:22
 Operator : JC/SP
 Sample : VX0130WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VX0130WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/31/2020 10:52:10 AM

Quant Time: Jan 31 04:40:02 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	422642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	616956	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	564631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	286438	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	242171	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.48	113	196628	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	8.71	98	749364	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.13	95	263302	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.19	85	102591	18.423	ug/l	98
3) Chloromethane	1.32	50	104746	18.320	ug/l	98
4) Vinyl Chloride	1.40	62	120257	19.453	ug/l	99
5) Bromomethane	1.64	94	69017	16.436	ug/l	99
6) Chloroethane	1.72	64	74270	20.173	ug/l	96
7) Trichlorofluoromethane	1.92	101	136045	18.900	ug/l	95
8) Diethyl Ether	2.18	74	58438	18.599	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	81316	19.243	ug/l	97
10) Methyl Iodide	2.50	142	97124	17.516	ug/l	97
11) Tert butyl alcohol	3.02	59	92652	83.616	ug/l	96
12) 1,1-Dichloroethene	2.37	96	77634	18.478	ug/l	97
13) Acrolein	2.28	56	61016	69.838	ug/l	100
14) Allyl chloride	2.72	41	140043	18.544	ug/l	98
15) Acrylonitrile	3.13	53	235812	91.978	ug/l	99
16) Acetone	2.43	43	237663	87.959	ug/l	99
17) Carbon Disulfide	2.56	76	197824	17.228	ug/l	100
18) Methyl Acetate	2.76	43	144039	18.655	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	264460	19.217	ug/l	100
20) Methylene Chloride	2.85	84	91968	18.374	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	86127	18.618	ug/l	99
22) Diisopropyl ether	3.84	45	291373	19.393	ug/l	98
23) Vinyl Acetate	3.80	43	1085271	94.757	ug/l	100
24) 1,1-Dichloroethane	3.69	63	156028	19.122	ug/l	99
25) 2-Butanone	4.65	43	340084	87.751	ug/l	98
26) 2,2-Dichloropropane	4.57	77	123893	18.970	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	96894	18.715	ug/l	99
28) Bromochloromethane	5.00	49	63680	17.760	ug/l	96
29) Tetrahydrofuran	5.11	42	206409	89.735	ug/l	99
30) Chloroform	5.20	83	154238	19.082	ug/l	99
31) Cyclohexane	5.57	56	138444	18.040	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	130575	19.111	ug/l	99
36) 1,1-Dichloropropene	5.79	75	115824	20.204	ug/l	99
37) Ethyl Acetate	4.81	43	124832	19.012	ug/l	100
38) Carbon Tetrachloride	5.77	117	110830	20.243	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	138138	19.234	ug/l	98
40) Benzene	6.13	78	352298	19.889	ug/l	99
41) Methacrylonitrile	5.03	41	67904	17.964	ug/l	96
42) 1,2-Dichloroethane	6.18	62	125467	20.512	ug/l	99
43) Isopropyl Acetate	6.43	43	203021	18.882	ug/l	99
44) Trichloroethene	7.21	130	97453	19.478	ug/l	99
45) 1,2-Dichloropropane	7.50	63	90695	19.875	ug/l	100
46) Dibromomethane	7.65	93	59474	20.124	ug/l	97
47) Bromodichloromethane	7.89	83	117943	20.347	ug/l	94
48) Methyl methacrylate	7.76	41	100159	19.497	ug/l	98
49) 1,4-Dioxane	7.73	88	42497	390.248	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	653683	96.326	ug/l	100
52) Toluene	8.78	92	223206	20.500	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	124194	19.898	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	140590	20.475	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	91144	20.445	ug/l	99
56) Ethyl methacrylate	9.17	69	133988	18.881	ug/l	98
57) 1,3-Dichloropropane	9.37	76	155310	20.380	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	215049	95.922	ug/l	99
59) 2-Hexanone	9.48	43	503699	95.652	ug/l	100
60) Dibromochloromethane	9.57	129	93019	19.991	ug/l	99
61) 1,2-Dibromoethane	9.67	107	94052	19.954	ug/l	100
64) Tetrachloroethene	9.33	164	111498	19.949	ug/l	99
65) Chlorobenzene	10.13	112	238116	19.716	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	88074	19.779	ug/l	100
67) Ethyl Benzene	10.25	91	418867	20.312	ug/l	100
68) m/p-Xylenes	10.35	106	319732	40.926	ug/l	100
69) o-Xylene	10.70	106	149551	19.829	ug/l	100
70) Styrene	10.71	104	256720	20.292	ug/l	100
71) Bromoform	10.85	173	69693	19.681	ug/l #	99
73) Isopropylbenzene	11.01	105	411445	20.429	ug/l	99
74) N-amyl acetate	10.89	43	170458	19.314	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	133355	18.544	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	112086m	16.819	ug/l	
77) Bromobenzene	11.25	156	107074	19.789	ug/l	97
78) n-propylbenzene	11.35	91	466856	20.421	ug/l	99
79) 2-Chlorotoluene	11.42	91	281055	20.318	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	341475	20.428	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41448	17.700	ug/l	97
82) 4-Chlorotoluene	11.51	91	318891	20.250	ug/l	99
83) tert-Butylbenzene	11.76	119	320264	20.389	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	342841	20.448	ug/l	99
85) sec-Butylbenzene	11.94	105	394763	20.515	ug/l	100
86) p-Isopropyltoluene	12.06	119	365452	20.551	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	189838	19.523	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	187663	19.266	ug/l	98
89) n-Butylbenzene	12.38	91	303840	19.618	ug/l	100
90) Hexachloroethane	12.59	117	62569	18.943	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	190662	19.742	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27274	17.653	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	122590	19.688	ug/l	99
94) Hexachlorobutadiene	13.77	225	66665	20.802	ug/l	99
95) Naphthalene	13.83	128	353531	18.211	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	127191	20.202	ug/l	97

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

