

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010320\
 Data File : VX014394.D
 Acq On : 03 Jan 2020 12:33
 Operator : JC/SP
 Sample : VX0103WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBS01

Manual Integrations
 APPROVED

apatel
 1/6/2020 10:41:39 AM

Quant Time: Jan 06 02:50:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	530444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	785978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	710718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	350746	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	289547	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
35) Dibromofluoromethane	5.49	113	241586	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	8.71	98	934458	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	11.13	95	334516	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	71567	15.081	ug/l	98
3) Chloromethane	1.32	50	98664	15.492	ug/l	99
4) Vinyl Chloride	1.40	62	105611	15.716	ug/l	98
5) Bromomethane	1.63	94	72827	15.269	ug/l	99
6) Chloroethane	1.72	64	71616	17.267	ug/l	99
7) Trichlorofluoromethane	1.92	101	145620	17.505	ug/l	100
8) Diethyl Ether	2.18	74	68194	17.467	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90538	18.055	ug/l	99
10) Methyl Iodide	2.50	142	87631	15.178	ug/l	98
11) Tert butyl alcohol	3.03	59	129446	99.649	ug/l	100
12) 1,1-Dichloroethene	2.36	96	85812	16.818	ug/l	98
13) Acrolein	2.28	56	52890	71.127	ug/l	97
14) Allyl chloride	2.72	41	160921	17.663	ug/l	99
15) Acrylonitrile	3.13	53	283551	93.519	ug/l	99
16) Acetone	2.43	43	309011	79.173	ug/l	99
17) Carbon Disulfide	2.56	76	203313	14.888	ug/l	99
18) Methyl Acetate	2.76	43	147549	19.078	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	311004	18.548	ug/l	100
20) Methylene Chloride	2.84	84	105306	17.134	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	94708	16.848	ug/l	98
22) Diisopropyl ether	3.84	45	337436	18.587	ug/l	92
23) Vinyl Acetate	3.80	43	1416574	95.615	ug/l	99
24) 1,1-Dichloroethane	3.69	63	180204	17.841	ug/l	98
25) 2-Butanone	4.65	43	427089	88.757	ug/l	98
26) 2,2-Dichloropropane	4.58	77	143494	18.298	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	113889	17.914	ug/l	98
28) Bromochloromethane	5.00	49	78985	20.602	ug/l	97
29) Tetrahydrofuran	5.11	42	254860	94.693	ug/l	99
30) Chloroform	5.20	83	176796	18.464	ug/l	95
31) Cyclohexane	5.57	56	152096	16.931	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	149075	18.268	ug/l	97
36) 1,1-Dichloropropene	5.79	75	129229	17.919	ug/l	100
37) Ethyl Acetate	4.82	43	150435	18.890	ug/l	98
38) Carbon Tetrachloride	5.77	117	122749	18.684	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	157507	17.688	ug/l	97
40) Benzene	6.13	78	401104	18.076	ug/l	99
41) Methacrylonitrile	5.03	41	84168	19.048	ug/l	98
42) 1,2-Dichloroethane	6.18	62	138191	18.372	ug/l	100
43) Isopropyl Acetate	6.43	43	254365	19.300	ug/l	99
44) Trichloroethene	7.20	130	112609	18.373	ug/l	94
45) 1,2-Dichloropropane	7.51	63	106325	18.695	ug/l	94
46) Dibromomethane	7.65	93	67171	17.863	ug/l	98
47) Bromodichloromethane	7.89	83	133535	18.856	ug/l	96
48) Methyl methacrylate	7.76	41	121630	18.846	ug/l	99
49) 1,4-Dioxane	7.73	88	56037	426.669	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	797939	96.403	ug/l	99
52) Toluene	8.78	92	254406	18.139	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	149013	19.189	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	165930	19.180	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	107707	19.161	ug/l	97
56) Ethyl methacrylate	9.17	69	163310	18.495	ug/l	99
57) 1,3-Dichloropropane	9.36	76	179289	18.957	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	330682	98.958	ug/l	99
59) 2-Hexanone	9.48	43	622685	93.453	ug/l	99
60) Dibromochloromethane	9.57	129	107364	19.215	ug/l	99
61) 1,2-Dibromoethane	9.67	107	110024	19.130	ug/l	99
64) Tetrachloroethene	9.33	164	116109	18.462	ug/l	96
65) Chlorobenzene	10.14	112	274142	18.141	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	103951	19.266	ug/l	97
67) Ethyl Benzene	10.25	91	479467	18.455	ug/l	99
68) m/p-Xylenes	10.35	106	367890	36.817	ug/l	99
69) o-Xylene	10.70	106	181503	18.521	ug/l	99
70) Styrene	10.71	104	304569	18.379	ug/l	100
71) Bromoform	10.85	173	81365	18.760	ug/l #	99
73) Isopropylbenzene	11.01	105	478457	19.374	ug/l	100
74) N-amyl acetate	10.89	43	214782	18.555	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	162688	19.002	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	134536m	17.668	ug/l	
77) Bromobenzene	11.25	156	123755	18.214	ug/l	99
78) n-propylbenzene	11.35	91	533941	19.276	ug/l	99
79) 2-Chlorotoluene	11.42	91	320079	19.009	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	396060	19.056	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50739	18.807	ug/l	96
82) 4-Chlorotoluene	11.51	91	361181	18.492	ug/l	99
83) tert-Butylbenzene	11.76	119	392453	19.403	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	399740	19.206	ug/l	100
85) sec-Butylbenzene	11.94	105	463144	19.397	ug/l	100
86) p-Isopropyltoluene	12.06	119	427889	19.591	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	217450	18.261	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	216316	17.865	ug/l	99
89) n-Butylbenzene	12.38	91	355099	19.054	ug/l	100
90) Hexachloroethane	12.59	117	73987	18.859	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	220175	18.367	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	33487	17.675	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	145781	18.711	ug/l	99
94) Hexachlorobutadiene	13.77	225	73147	19.534	ug/l	97
95) Naphthalene	13.83	128	432882	18.910	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	144748	18.820	ug/l	99

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

