

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031820\
 Data File : VX015330.D
 Acq On : 18 Mar 2020 17:49
 Operator : JC/SP
 Sample : VX0318WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/19/2020 12:01:03 PM

Quant Time: Mar 19 03:41:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	571872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1077718	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	992285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	477422	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	342946	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	5.49	113	315855	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
50) Toluene-d8	8.71	98	1227640	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
62) 4-Bromofluorobenzene	11.13	95	450881	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	110677	17.597	ug/l	99
3) Chloromethane	1.32	50	132859	19.305	ug/l	98
4) Vinyl Chloride	1.40	62	128336	18.396	ug/l	98
5) Bromomethane	1.64	94	89238	39.361	ug/l	97
6) Chloroethane	1.72	64	81430	18.888	ug/l	99
7) Trichlorofluoromethane	1.93	101	166937	17.862	ug/l	97
8) Diethyl Ether	2.18	74	70935	18.317	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	129737	20.514	ug/l	95
10) Methyl Iodide	2.50	142	93049	15.622	ug/l	95
11) Tert butyl alcohol	3.03	59	132499	96.599	ug/l	100
12) 1,1-Dichloroethene	2.37	96	132502	18.342	ug/l	94
13) Acrolein	2.28	56	124129	100.300	ug/l	99
14) Allyl chloride	2.72	41	198299	18.462	ug/l	96
15) Acrylonitrile	3.13	53	339695	94.095	ug/l	99
16) Acetone	2.44	43	257108	95.628	ug/l	99
17) Carbon Disulfide	2.56	76	355209	18.339	ug/l	98
18) Methyl Acetate	2.76	43	141185	18.919	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	390067	18.622	ug/l	100
20) Methylene Chloride	2.85	84	147781	18.855	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	142872	17.968	ug/l	98
22) Diisopropyl ether	3.84	45	410849	18.947	ug/l	96
23) Vinyl Acetate	3.80	43	1667627	96.427	ug/l	99
24) 1,1-Dichloroethane	3.69	63	236432	17.862	ug/l	99
25) 2-Butanone	4.66	43	432284	95.869	ug/l	99
26) 2,2-Dichloropropane	4.58	77	176779	17.185	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	160902	18.659	ug/l	98
28) Bromochloromethane	5.01	49	102636	18.991	ug/l	99
29) Tetrahydrofuran	5.12	42	279752	95.147	ug/l	99
30) Chloroform	5.20	83	237627	17.795	ug/l	97
31) Cyclohexane	5.57	56	207129	19.166	ug/l	92
32) 1,1,1-Trichloroethane	5.48	97	203720	18.490	ug/l	98
36) 1,1-Dichloropropene	5.79	75	167451	16.379	ug/l	97
37) Ethyl Acetate	4.83	43	168123	18.117	ug/l	100
38) Carbon Tetrachloride	5.78	117	168082	17.305	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	213871	17.324	ug/l	98
40) Benzene	6.14	78	550965	17.739	ug/l	100
41) Methacrylonitrile	5.03	41	96483	19.424	ug/l	93
42) 1,2-Dichloroethane	6.19	62	175257	18.715	ug/l	99
43) Isopropyl Acetate	6.43	43	264180	18.763	ug/l	99
44) Trichloroethene	7.21	130	151292	17.747	ug/l	93
45) 1,2-Dichloropropane	7.51	63	134850	18.390	ug/l	99
46) Dibromomethane	7.65	93	92077	17.947	ug/l	98
47) Bromodichloromethane	7.89	83	173094	17.965	ug/l	97
48) Methyl methacrylate	7.76	41	128312	19.042	ug/l	99
49) 1,4-Dioxane	7.74	88	69243	373.998	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	825298	94.958	ug/l	99
52) Toluene	8.78	92	351834	18.444	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	193987	18.817	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	220403	18.826	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	137020	16.941	ug/l	98
56) Ethyl methacrylate	9.17	69	186993	17.750	ug/l	100
57) 1,3-Dichloropropane	9.37	76	220839	16.649	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	520748	118.693	ug/l	100
59) 2-Hexanone	9.48	43	595762	92.226	ug/l	98
60) Dibromochloromethane	9.57	129	134607	17.093	ug/l	97
61) 1,2-Dibromoethane	9.67	107	145316	17.639	ug/l	99
64) Tetrachloroethene	9.33	164	121206	16.793	ug/l	96
65) Chlorobenzene	10.14	112	383725	18.353	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	132055	17.482	ug/l	98
67) Ethyl Benzene	10.25	91	652150	18.311	ug/l	99
68) m/p-Xylenes	10.36	106	511364	37.659	ug/l	100
69) o-Xylene	10.70	106	244942	18.757	ug/l	99
70) Styrene	10.71	104	417889	19.197	ug/l	99
71) Bromoform	10.85	173	89265	18.080	ug/l #	99
73) Isopropylbenzene	11.01	105	638716	17.770	ug/l	99
74) N-amyl acetate	10.89	43	221143	17.998	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	205194	18.437	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	169090m	17.331	ug/l	
77) Bromobenzene	11.25	156	151062	18.091	ug/l	98
78) n-propylbenzene	11.35	91	726878	18.134	ug/l	99
79) 2-Chlorotoluene	11.42	91	439115	18.249	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	531259	18.542	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	60593	16.650	ug/l	93
82) 4-Chlorotoluene	11.51	91	502768	18.388	ug/l	100
83) tert-Butylbenzene	11.76	119	480657	17.037	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	526672	17.754	ug/l	100
85) sec-Butylbenzene	11.94	105	624604	18.263	ug/l	99
86) p-Isopropyltoluene	12.06	119	564152	18.540	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	293165	18.468	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	289559	17.513	ug/l	98
89) n-Butylbenzene	12.39	91	487475	16.966	ug/l	100
90) Hexachloroethane	12.59	117	95015	16.184	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	277839	17.450	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37986	17.359	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	188034	19.713	ug/l	98
94) Hexachlorobutadiene	13.78	225	75366	18.792	ug/l	99
95) Naphthalene	13.83	128	653464	20.695	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	172253	18.448	ug/l	99

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

