

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031220\
 Data File : VX015224.D
 Acq On : 12 Mar 2020 10:02
 Operator : JC/SP
 Sample : VX0312WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 11:43:29 AM

Quant Time: Mar 13 02:27:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	308085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	458860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	395842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	209253	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	166874	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
35) Dibromofluoromethane	5.48	113	144791	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	8.71	98	514191	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
62) 4-Bromofluorobenzene	11.13	95	187584	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	49163	18.223	ug/l	100
3) Chloromethane	1.32	50	69907	18.293	ug/l	100
4) Vinyl Chloride	1.41	62	69721	17.992	ug/l	100
5) Bromomethane	1.65	94	45551	19.120	ug/l	97
6) Chloroethane	1.72	64	44287	19.052	ug/l	98
7) Trichlorofluoromethane	1.93	101	90099	19.541	ug/l	100
8) Diethyl Ether	2.18	74	40310	19.302	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	55079	18.987	ug/l	97
10) Methyl Iodide	2.50	142	50595	15.437	ug/l	97
11) Tert butyl alcohol	3.04	59	54782	86.387	ug/l	97
12) 1,1-Dichloroethene	2.37	96	55010	18.374	ug/l	98
13) Acrolein	2.29	56	48910	82.071	ug/l	98
14) Allyl chloride	2.72	41	95723	18.337	ug/l	94
15) Acrylonitrile	3.13	53	146310	92.644	ug/l	98
16) Acetone	2.44	43	144022	97.298	ug/l	97
17) Carbon Disulfide	2.56	76	137909	16.587	ug/l	100
18) Methyl Acetate	2.77	43	66850	18.470	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	169811	18.151	ug/l	99
20) Methylene Chloride	2.85	84	58592	16.914	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	56855	17.785	ug/l	98
22) Diisopropyl ether	3.84	45	195545	18.801	ug/l	96
23) Vinyl Acetate	3.80	43	800229	93.601	ug/l	98
24) 1,1-Dichloroethane	3.69	63	102536	17.763	ug/l	100
25) 2-Butanone	4.66	43	203677	93.989	ug/l	99
26) 2,2-Dichloropropane	4.58	77	79303	17.306	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	64425	17.964	ug/l	98
28) Bromochloromethane	5.01	49	55044	20.941	ug/l	96
29) Tetrahydrofuran	5.11	42	137857	98.688	ug/l	98
30) Chloroform	5.20	83	106378	18.908	ug/l	100
31) Cyclohexane	5.57	56	101468	19.707	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	89475	19.185	ug/l	98
36) 1,1-Dichloropropene	5.79	75	80103	18.883	ug/l	99
37) Ethyl Acetate	4.82	43	83605	21.247	ug/l	98
38) Carbon Tetrachloride	5.78	117	75409	18.833	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	99548	20.097	ug/l	98
40) Benzene	6.13	78	250075	19.870	ug/l	99
41) Methacrylonitrile	5.03	41	47571	20.127	ug/l	97
42) 1,2-Dichloroethane	6.18	62	86671	20.054	ug/l	97
43) Isopropyl Acetate	6.43	43	138698	20.037	ug/l	99
44) Trichloroethene	7.20	130	69870	19.935	ug/l	95
45) 1,2-Dichloropropane	7.50	63	67354	20.676	ug/l	99
46) Dibromomethane	7.65	93	42580	20.060	ug/l	98
47) Bromodichloromethane	7.89	83	81611	19.443	ug/l	100
48) Methyl methacrylate	7.76	41	68830	19.536	ug/l	98
49) 1,4-Dioxane	7.75	88	29282	384.407	ug/l	93
51) 4-Methyl-2-Pentanone	8.63	43	396296	96.827	ug/l	100
52) Toluene	8.78	92	146358	19.020	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	84525	18.919	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	97424	19.289	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	58413	18.443	ug/l	98
56) Ethyl methacrylate	9.17	69	88646	19.622	ug/l	95
57) 1,3-Dichloropropane	9.36	76	101085	18.970	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	234156	95.141	ug/l	100
59) 2-Hexanone	9.48	43	295564	97.432	ug/l	100
60) Dibromochloromethane	9.57	129	62505	18.787	ug/l	98
61) 1,2-Dibromoethane	9.67	107	62071	18.658	ug/l	98
64) Tetrachloroethene	9.33	164	66812	20.414	ug/l	97
65) Chlorobenzene	10.13	112	158220	19.909	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	58726	19.597	ug/l	98
67) Ethyl Benzene	10.25	91	270528	20.047	ug/l	98
68) m/p-Xylenes	10.36	106	207096	40.335	ug/l	99
69) o-Xylene	10.69	106	99106	20.161	ug/l	97
70) Styrene	10.71	104	173805	20.621	ug/l	98
71) Bromoform	10.85	173	46471	19.998	ug/l	98
73) Isopropylbenzene	11.01	105	267761	20.031	ug/l	100
74) N-amyl acetate	10.89	43	106258	18.862	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	82326	18.480	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	81756m	19.587	ug/l	
77) Bromobenzene	11.25	156	71255	19.127	ug/l	98
78) n-propylbenzene	11.35	91	308640	20.210	ug/l	99
79) 2-Chlorotoluene	11.42	91	181646	19.917	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	226098	20.319	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26895	18.287	ug/l	98
82) 4-Chlorotoluene	11.50	91	210838	19.568	ug/l	100
83) tert-Butylbenzene	11.76	119	216600	20.131	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	229770	20.554	ug/l	100
85) sec-Butylbenzene	11.94	105	265739	20.459	ug/l	99
86) p-Isopropyltoluene	12.06	119	245796	20.540	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	127177	19.420	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	130115	19.244	ug/l	99
89) n-Butylbenzene	12.39	91	212428	19.959	ug/l	100
90) Hexachloroethane	12.59	117	42439	18.759	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	124823	19.171	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	17953	20.125	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	98345	21.760	ug/l	99
94) Hexachlorobutadiene	13.78	225	50268	21.675	ug/l	99
95) Naphthalene	13.83	128	262167	19.810	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	97061	21.525	ug/l	100

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

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