

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012219\
 Data File : VX007174.D
 Acq On : 22 Jan 2019 11:48
 Operator : JC/SP
 Sample : VX0122WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0122WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/23/2019 11:29:28 AM

Quant Time: Jan 23 00:32:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	476209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	686402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	627394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	348857	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	253585	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
35) Dibromofluoromethane	5.50	113	230471	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
50) Toluene-d8	8.71	98	840284	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
62) 4-Bromofluorobenzene	11.13	95	313838	55.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.90%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	75719	19.362	ug/l 99
3) Chloromethane	1.32	50	83632	18.371	ug/l 98
4) Vinyl Chloride	1.41	62	90299	18.439	ug/l 100
5) Bromomethane	1.64	94	90830	17.360	ug/l 93
6) Chloroethane	1.72	64	58693	17.165	ug/l 98
7) Trichlorofluoromethane	1.93	101	146296	18.489	ug/l 96
8) Diethyl Ether	2.19	74	58374	18.543	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	89758	18.947	ug/l 98
10) Methyl Iodide	2.51	142	121168	18.962	ug/l 100
11) Tert butyl alcohol	3.06	59	102371	87.199	ug/l 99
12) 1,1-Dichloroethene	2.38	96	81136	18.538	ug/l 93
13) Acrolein	2.29	56	60322	120.752	ug/l 97
14) Allyl chloride	2.73	41	134861	17.979	ug/l 99
15) Acrylonitrile	3.14	53	242882	90.121	ug/l 99
16) Acetone	2.44	43	236359	96.067	ug/l 98
17) Carbon Disulfide	2.57	76	171463	15.216	ug/l 97
18) Methyl Acetate	2.78	43	131444	18.448	ug/l 97
19) Methyl tert-butyl Ether	3.20	73	282171	18.575	ug/l 99
20) Methylene Chloride	2.86	84	91497	19.204	ug/l 97
21) trans-1,2-Dichloroethene	3.17	96	87450	17.930	ug/l 99
22) Diisopropyl ether	3.87	45	264519	18.758	ug/l 93
23) Vinyl Acetate	3.82	43	1078964	90.729	ug/l 99
24) 1,1-Dichloroethane	3.70	63	157140	19.929	ug/l 99
25) 2-Butanone	4.68	43	328672	93.361	ug/l 99
26) 2,2-Dichloropropane	4.58	77	113844	18.776	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	99628	18.519	ug/l 98
28) Bromochloromethane	5.02	49	66640	19.290	ug/l 95
29) Tetrahydrofuran	5.14	42	196740	85.994	ug/l 98
30) Chloroform	5.21	83	157937	19.131	ug/l 100
31) Cyclohexane	5.57	56	125130	17.830	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	130096	18.592	ug/l 96
36) 1,1-Dichloropropene	5.79	75	114103	19.120	ug/l 98
37) Ethyl Acetate	4.84	43	117626	18.385	ug/l 98
38) Carbon Tetrachloride	5.78	117	114853	19.129	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	140909	18.521	ug/l	99
40) Benzene	6.14	78	349549	19.196	ug/l	99
41) Methacrylonitrile	5.05	41	66871	18.143	ug/l	97
42) 1,2-Dichloroethane	6.20	62	122090	19.403	ug/l	99
43) Isopropyl Acetate	6.45	43	186781	18.508	ug/l	99
44) Trichloroethene	7.21	130	104010	19.061	ug/l	96
45) 1,2-Dichloropropane	7.51	63	88781	19.393	ug/l	97
46) Dibromomethane	7.66	93	61005	18.961	ug/l	95
47) Bromodichloromethane	7.90	83	106494	19.446	ug/l	95
48) Methyl methacrylate	7.77	41	96174	18.557	ug/l	97
49) 1,4-Dioxane	7.74	88	46997	391.872	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	627080	96.688	ug/l	99
52) Toluene	8.78	92	224658	19.195	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	113408	18.675	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	128709	19.192	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	96012	20.495	ug/l	98
56) Ethyl methacrylate	9.18	69	131106	19.171	ug/l	93
57) 1,3-Dichloropropane	9.37	76	150639	19.628	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	362089	102.976	ug/l	99
59) 2-Hexanone	9.49	43	498149	100.791	ug/l	100
60) Dibromochloromethane	9.58	129	89483	19.672	ug/l	99
61) 1,2-Dibromoethane	9.67	107	101429	19.667	ug/l	98
64) Tetrachloroethene	9.34	164	107298	19.754	ug/l	97
65) Chlorobenzene	10.13	112	263448	19.253	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	92094	20.006	ug/l	98
67) Ethyl Benzene	10.25	91	432999	19.167	ug/l	100
68) m/p-Xylenes	10.36	106	342798	38.516	ug/l	99
69) o-Xylene	10.69	106	167318	19.276	ug/l	96
70) Styrene	10.71	104	274899	19.997	ug/l	100
71) Bromoform	10.86	173	64195	18.841	ug/l	99
73) Isopropylbenzene	11.02	105	452637	18.400	ug/l	99
74) N-amyl acetate	10.90	43	171538	17.320	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	141737	18.149	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	131205m	18.559	ug/l	
77) Bromobenzene	11.26	156	124126	18.313	ug/l	98
78) n-propylbenzene	11.36	91	509766	18.877	ug/l	99
79) 2-Chlorotoluene	11.42	91	300305	18.474	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	376272	18.306	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	32547	16.625	ug/l	92
82) 4-Chlorotoluene	11.51	91	349030	18.544	ug/l	99
83) tert-Butylbenzene	11.77	119	374539	18.263	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	384577	18.606	ug/l	100
85) sec-Butylbenzene	11.94	105	468847	19.143	ug/l	99
86) p-Isopropyltoluene	12.06	119	414284	18.911	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	229068	18.698	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	233789	20.227	ug/l	100
89) n-Butylbenzene	12.38	91	350477	18.767	ug/l	99
90) Hexachloroethane	12.60	117	57552	18.407	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	226518	18.736	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25985	16.824	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	157573	18.997	ug/l	99
94) Hexachlorobutadiene	13.78	225	74162	20.148	ug/l	98
95) Naphthalene	13.83	128	460315	18.314	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	156540	18.998	ug/l	99

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

