

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\
 Data File : VX008209.D
 Acq On : 19 Mar 2019 23:53
 Operator : JC/SP
 Sample : VX0319WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBSD02

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 10:27:38 AM

Quant Time: Mar 20 08:32:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	287835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	478846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	428003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196886	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	213432	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
35) Dibromofluoromethane	5.50	113	158801	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	8.71	98	618074	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	11.13	95	216840	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	73011	20.922	ug/l	100
3) Chloromethane	1.33	50	85600	19.548	ug/l	97
4) Vinyl Chloride	1.41	62	87626	20.071	ug/l	98
5) Bromomethane	1.64	94	66692	17.933	ug/l	99
6) Chloroethane	1.73	64	56408	20.606	ug/l	100
7) Trichlorofluoromethane	1.93	101	107224	19.244	ug/l	98
8) Diethyl Ether	2.19	74	61758	21.544	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	74332	20.094	ug/l	91
10) Methyl Iodide	2.51	142	98128	20.833	ug/l	97
11) Tert butyl alcohol	3.04	59	99630	107.357	ug/l	99
12) 1,1-Dichloroethene	2.38	96	73238	20.970	ug/l	93
13) Acrolein	2.29	56	56816	79.837	ug/l	96
14) Allyl chloride	2.73	41	156263	20.554	ug/l	93
15) Acrylonitrile	3.14	53	262062	106.762	ug/l	99
16) Acetone	2.45	43	231437	94.130	ug/l	97
17) Carbon Disulfide	2.57	76	224029	20.062	ug/l	99
18) Methyl Acetate	2.78	43	128114	22.507	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	266049	21.069	ug/l	97
20) Methylene Chloride	2.86	84	84614	20.638	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	77879	20.642	ug/l	95
22) Diisopropyl ether	3.86	45	313793	21.074	ug/l #	89
23) Vinyl Acetate	3.82	43	1362313	106.716	ug/l	97
24) 1,1-Dichloroethane	3.70	63	162787	21.257	ug/l	99
25) 2-Butanone	4.67	43	378941	104.410	ug/l	95
26) 2,2-Dichloropropane	4.59	77	98276	17.035	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	89613	20.835	ug/l	94
28) Bromochloromethane	5.02	49	63450	18.451	ug/l #	82
29) Tetrahydrofuran	5.13	42	248994	109.746	ug/l	97
30) Chloroform	5.21	83	150529	21.013	ug/l	96
31) Cyclohexane	5.59	56	147717	20.541	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	125759	21.104	ug/l	96
36) 1,1-Dichloropropene	5.81	75	116232	20.849	ug/l	96
37) Ethyl Acetate	4.84	43	144782	21.969	ug/l	98
38) Carbon Tetrachloride	5.79	117	101993	20.533	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	130901	19.511	ug/l	93
40) Benzene	6.15	78	350106	21.217	ug/l	99
41) Methacrylonitrile	5.05	41	80250	21.709	ug/l	97
42) 1,2-Dichloroethane	6.20	62	129195	21.373	ug/l	96
43) Isopropyl Acetate	6.45	43	226528	21.445	ug/l	97
44) Trichloroethene	7.21	130	84597	20.968	ug/l	90
45) 1,2-Dichloropropane	7.51	63	97469	21.101	ug/l	99
46) Dibromomethane	7.66	93	57483	20.553	ug/l	87
47) Bromodichloromethane	7.90	83	109722	20.585	ug/l	97
48) Methyl methacrylate	7.77	41	119784	21.326	ug/l	93
49) 1,4-Dioxane	7.74	88	42000	423.743	ug/l #	93
51) 4-Methyl-2-Pentanone	8.64	43	755592	110.642	ug/l	98
52) Toluene	8.79	92	207874	21.235	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	119283	18.784	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	133318	20.154	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	84944	21.476	ug/l	96
56) Ethyl methacrylate	9.18	69	139986	20.491	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	150807	21.554	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	310796	95.906	ug/l	94
59) 2-Hexanone	9.49	43	579670	110.253	ug/l	95
60) Dibromochloromethane	9.58	129	80581	21.199	ug/l	97
61) 1,2-Dibromoethane	9.67	107	87729	21.242	ug/l	99
64) Tetrachloroethene	9.34	164	82052	21.249	ug/l	98
65) Chlorobenzene	10.13	112	217191	20.623	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	76123	20.731	ug/l	99
67) Ethyl Benzene	10.25	91	383573	20.668	ug/l	97
68) m/p-Xylenes	10.36	106	282362	41.419	ug/l	93
69) o-Xylene	10.69	106	138985	20.981	ug/l	94
70) Styrene	10.71	104	226514	21.040	ug/l	96
71) Bromoform	10.85	173	58594	19.907	ug/l #	100
73) Isopropylbenzene	11.02	105	370421	21.107	ug/l	98
74) N-amyl acetate	10.90	43	194347	21.137	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	133089	21.149	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	116950m	21.119	ug/l	
77) Bromobenzene	11.26	156	88825	20.934	ug/l	86
78) n-propylbenzene	11.36	91	424603	20.831	ug/l	96
79) 2-Chlorotoluene	11.42	91	255868	20.914	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	302012	20.830	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	37503	18.206	ug/l	88
82) 4-Chlorotoluene	11.51	91	292166	20.523	ug/l	95
83) tert-Butylbenzene	11.77	119	284129	20.526	ug/l	91
84) 1,2,4-Trimethylbenzene	11.80	105	310023	21.092	ug/l	97
85) sec-Butylbenzene	11.94	105	357413	20.850	ug/l	97
86) p-Isopropyltoluene	12.06	119	307821	20.745	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	157338	20.748	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	155762	19.858	ug/l	97
89) n-Butylbenzene	12.38	91	276466	19.851	ug/l	96
90) Hexachloroethane	12.60	117	51967	20.564	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	156226	20.432	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28201	20.177	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	99775	19.811	ug/l	98
94) Hexachlorobutadiene	13.78	225	49179	20.022	ug/l	99
95) Naphthalene	13.83	128	332719	20.931	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	101570	20.496	ug/l	99

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

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