

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010196.D
 Acq On : 10 Jun 2019 23:33
 Operator : JC/SP
 Sample : VX0610WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS03

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 11:53:52 AM

Quant Time: Jun 11 08:04:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	254017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385875	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	349835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175644	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	117105	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
35) Dibromofluoromethane	5.50	113	115527	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	8.71	98	446426	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.13	95	158853	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47904	20.495	ug/l	98
3) Chloromethane	1.33	50	44396	19.126	ug/l	95
4) Vinyl Chloride	1.41	62	47164	21.619	ug/l	98
5) Bromomethane	1.64	94	23208	28.191	ug/l	97
6) Chloroethane	1.72	64	26757	24.326	ug/l	100
7) Trichlorofluoromethane	1.93	101	72922	22.502	ug/l	99
8) Diethyl Ether	2.19	74	24802	22.205	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41478	18.568	ug/l	91
10) Methyl Iodide	2.51	142	65220	18.844	ug/l	97
11) Tert butyl alcohol	3.04	59	59886	98.593	ug/l	99
12) 1,1-Dichloroethene	2.37	96	43136	18.906	ug/l #	77
13) Acrolein	2.29	56	11363	102.596	ug/l	95
14) Allyl chloride	2.73	41	60897	17.682	ug/l #	90
15) Acrylonitrile	3.14	53	122059	98.313	ug/l	98
16) Acetone	2.45	43	98294	84.285	ug/l #	87
17) Carbon Disulfide	2.57	76	115139	17.465	ug/l	99
18) Methyl Acetate	2.78	43	50049	19.514	ug/l #	81
19) Methyl tert-butyl Ether	3.20	73	135675	18.509	ug/l	95
20) Methylene Chloride	2.85	84	48840	19.069	ug/l #	81
21) trans-1,2-Dichloroethene	3.17	96	44720	17.711	ug/l	82
22) Diisopropyl ether	3.85	45	126713	19.243	ug/l #	94
23) Vinyl Acetate	3.82	43	551649	93.908	ug/l #	87
24) 1,1-Dichloroethane	3.70	63	73253	18.322	ug/l #	94
25) 2-Butanone	4.67	43	167335	96.358	ug/l #	81
26) 2,2-Dichloropropane	4.59	77	49810	13.657	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	52959	18.854	ug/l	76
28) Bromochloromethane	5.01	49	32551	18.167	ug/l #	51
29) Tetrahydrofuran	5.13	42	107265	98.285	ug/l #	74
30) Chloroform	5.21	83	77591	18.687	ug/l	100
31) Cyclohexane	5.59	56	68144	18.886	ug/l #	76
32) 1,1,1-Trichloroethane	5.49	97	70096	17.958	ug/l #	93
36) 1,1-Dichloropropene	5.80	75	56897	18.073	ug/l	91
37) Ethyl Acetate	4.84	43	61810	18.870	ug/l #	91
38) Carbon Tetrachloride	5.79	117	63064	17.698	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76554	17.858	ug/l #	83
40) Benzene	6.15	78	186166	19.124	ug/l	99
41) Methacrylonitrile	5.04	41	33065	18.661	ug/l #	83
42) 1,2-Dichloroethane	6.20	62	56827	18.285	ug/l	93
43) Isopropyl Acetate	6.45	43	101507	18.534	ug/l #	88
44) Trichloroethene	7.21	130	54443	18.554	ug/l	88
45) 1,2-Dichloropropane	7.51	63	45847	18.817	ug/l	100
46) Dibromomethane	7.66	93	33132	18.151	ug/l	89
47) Bromodichloromethane	7.90	83	61383	17.996	ug/l #	96
48) Methyl methacrylate	7.77	41	48512	18.940	ug/l #	77
49) 1,4-Dioxane	7.74	88	27889	381.907	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	327918	100.226	ug/l	90
52) Toluene	8.78	92	119742	18.712	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	66746	16.918	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	73555	17.391	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	50572	19.297	ug/l	96
56) Ethyl methacrylate	9.18	69	77360	18.687	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	77233	18.719	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	191071	97.905	ug/l #	86
59) 2-Hexanone	9.49	43	254698	97.637	ug/l	86
60) Dibromochloromethane	9.58	129	56327	18.171	ug/l	98
61) 1,2-Dibromoethane	9.67	107	54504	18.674	ug/l	99
64) Tetrachloroethene	9.34	164	51569	19.847	ug/l	99
65) Chlorobenzene	10.13	112	135403	18.753	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	51150	18.421	ug/l	99
67) Ethyl Benzene	10.25	91	229610	18.680	ug/l	95
68) m/p-Xylenes	10.36	106	177813	37.384	ug/l	91
69) o-Xylene	10.69	106	88451	18.707	ug/l	88
70) Styrene	10.71	104	149373	18.653	ug/l	95
71) Bromoform	10.85	173	46004	18.022	ug/l #	98
73) Isopropylbenzene	11.02	105	230795	18.823	ug/l	95
74) N-amyl acetate	10.90	43	91578	18.895	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	79902	19.037	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	65389m	18.612	ug/l	
77) Bromobenzene	11.26	156	63090	18.711	ug/l	81
78) n-propylbenzene	11.36	91	252143	18.472	ug/l	94
79) 2-Chlorotoluene	11.42	91	148175	18.074	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	192861	18.675	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	26048	16.381	ug/l #	83
82) 4-Chlorotoluene	11.51	91	170795	18.340	ug/l	91
83) tert-Butylbenzene	11.77	119	195097	18.665	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	193743	18.573	ug/l	96
85) sec-Butylbenzene	11.94	105	221307	18.173	ug/l	96
86) p-Isopropyltoluene	12.06	119	205180	18.431	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	110677	18.635	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	111103	18.558	ug/l	98
89) n-Butylbenzene	12.38	91	169688	17.708	ug/l	97
90) Hexachloroethane	12.59	117	38202	17.226	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	110421	19.124	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17352	17.569	ug/l	66

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	77122	18.248	ug/l	99
94) Hexachlorobutadiene	13.78	225	35879	19.088	ug/l	98
95) Naphthalene	13.83	128	248161	18.653	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	76240	18.244	ug/l	100

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

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