

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071118\
 Data File : VX003322.D
 Acq On : 11 Jul 2018 16:22
 Operator : JC/MD
 Sample : VX0711WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/12/2018 10:59:26 AM

Quant Time: Jul 12 01:10:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	322445	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201696	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	194486	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	5.50	113	169427	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
50) Toluene-d8	8.72	98	621403	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.14	95	226999	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	85104	22.696	ug/l	94
3) Chloromethane	1.32	50	82331	24.149	ug/l	97
4) Vinyl Chloride	1.40	62	93437	26.702	ug/l	98
5) Bromomethane	1.64	94	34431	33.934	ug/l	99
6) Chloroethane	1.72	64	56650	29.219	ug/l	92
7) Trichlorofluoromethane	1.93	101	129719	24.938	ug/l	90
8) Diethyl Ether	2.19	74	52673	28.013	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	80539	26.444	ug/l	94
10) Methyl Iodide	2.51	142	61249	21.806	ug/l	95
11) Tert butyl alcohol	3.07	59	96574	137.230	ug/l	100
12) 1,1-Dichloroethene	2.37	96	73782	26.618	ug/l	91
13) Acrolein	2.29	56	69760	123.014	ug/l	97
14) Allyl chloride	2.73	41	133013	25.908	ug/l	88
15) Acrylonitrile	3.15	53	221387	140.884	ug/l	96
16) Acetone	2.45	43	180938	131.294	ug/l	97
17) Carbon Disulfide	2.57	76	191839	24.907	ug/l	97
18) Methyl Acetate	2.78	43	119357	30.701	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	230116	24.856	ug/l	98
20) Methylene Chloride	2.86	84	88814	31.184	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	74480	25.208	ug/l	95
22) Diisopropyl ether	3.87	45	251304	24.060	ug/l	98
23) Vinyl Acetate	3.82	43	1039011	117.167	ug/l	99
24) 1,1-Dichloroethane	3.70	63	143671	26.428	ug/l	98
25) 2-Butanone	4.71	43	260776	106.940	ug/l	93
26) 2,2-Dichloropropane	4.59	77	96315	20.255	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	75621	20.825	ug/l	95
28) Bromochloromethane	5.02	49	64256	23.459	ug/l	95
29) Tetrahydrofuran	5.17	42	168720	106.600	ug/l	94
30) Chloroform	5.22	83	128323	21.459	ug/l	98
31) Cyclohexane	5.57	56	109087	21.429	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	104832	19.872	ug/l	98
36) 1,1-Dichloropropene	5.80	75	93448	20.473	ug/l	99
37) Ethyl Acetate	4.87	43	99533	19.890	ug/l	96
38) Carbon Tetrachloride	5.78	117	89498	17.924	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	108268	20.133	ug/l	95
40) Benzene	6.14	78	273354	20.208	ug/l	100
41) Methacrylonitrile	5.06	41	55769	20.357	ug/l	94
42) 1,2-Dichloroethane	6.20	62	95518	18.900	ug/l	97
43) Isopropyl Acetate	6.47	43	148889	18.948	ug/l	97
44) Trichloroethene	7.21	130	78723	19.681	ug/l	99
45) 1,2-Dichloropropane	7.52	63	70172	19.953	ug/l	99
46) Dibromomethane	7.67	93	46273	19.304	ug/l	99
47) Bromodichloromethane	7.90	83	84958	19.208	ug/l	97
48) Methyl methacrylate	7.78	41	77515	19.234	ug/l	88
49) 1,4-Dioxane	7.76	88	33786	400.945	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	491565	100.482	ug/l	94
52) Toluene	8.79	92	172330	20.153	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	101436	19.491	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	89702	18.938	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	69300	19.536	ug/l	98
56) Ethyl methacrylate	9.18	69	98177	20.206	ug/l #	89
57) 1,3-Dichloropropane	9.37	76	114606	20.057	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	263335	112.356	ug/l	100
59) 2-Hexanone	9.50	43	378022	101.736	ug/l	92
60) Dibromochloromethane	9.59	129	66366	17.918	ug/l	100
61) 1,2-Dibromoethane	9.68	107	70784	19.040	ug/l	99
64) Tetrachloroethene	9.34	164	86758	19.322	ug/l	95
65) Chlorobenzene	10.14	112	192001	19.024	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	67296	18.481	ug/l	98
67) Ethyl Benzene	10.26	91	326191	19.986	ug/l	99
68) m/p-Xylenes	10.36	106	254581	40.096	ug/l	97
69) o-Xylene	10.70	106	121042	19.678	ug/l	99
70) Styrene	10.71	104	200236	20.075	ug/l	98
71) Bromoform	10.86	173	49943	16.670	ug/l #	99
73) Isopropylbenzene	11.02	105	329488	20.690	ug/l	100
74) N-amyl acetate	6.47	43	148889	19.599	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	101837	20.617	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	102958m	23.620	ug/l	
77) Bromobenzene	11.26	156	88206	19.185	ug/l	99
78) n-propylbenzene	11.36	91	382142	21.583	ug/l	100
79) 2-Chlorotoluene	11.42	91	226025	20.954	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	278840	21.028	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	25541	19.150	ug/l	97
82) 4-Chlorotoluene	11.51	91	264522	21.003	ug/l	99
83) tert-Butylbenzene	11.77	119	264603	19.977	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	282814	20.828	ug/l	98
85) sec-Butylbenzene	11.95	105	330129	21.087	ug/l	99
86) p-Isopropyltoluene	12.07	119	297200	20.836	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	163093	19.337	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	164566	19.273	ug/l	100
89) n-Butylbenzene	12.39	91	258001	21.649	ug/l	99
90) Hexachloroethane	12.60	117	39503	18.140	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	162356	19.170	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19906	18.784	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	113118	18.353	ug/l	100
94) Hexachlorobutadiene	13.79	225	54621	17.800	ug/l	98
95) Naphthalene	13.84	128	325689	20.196	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	115176	18.736	ug/l	99

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

