

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002893.D
 Acq On : 26 Jun 2018 12:46
 Operator : JC/MD
 Sample : VX0626WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 3:12:06 PM

Quant Time: Jun 27 03:25:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	280673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	377694	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231094	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	205956	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
35) Dibromofluoromethane	5.50	113	165158	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	
50) Toluene-d8	8.72	98	609216	55.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.56%	
62) 4-Bromofluorobenzene	11.14	95	233299	55.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57876	22.93	ug/l	98
3) Chloromethane	1.32	50	60673	22.67	ug/l	100
4) Vinyl Chloride	1.40	62	69761	21.98	ug/l	91
5) Bromomethane	1.64	94	30198	18.68	ug/l	98
6) Chloroethane	1.72	64	45090	23.07	ug/l	98
7) Trichlorofluoromethane	1.93	101	124015	23.16	ug/l	100
8) Diethyl Ether	2.19	74	43276	22.23	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71912	23.18	ug/l	99
10) Methyl Iodide	2.51	142	36881	16.49	ug/l	99
11) Tert butyl alcohol	3.06	59	86980	112.55	ug/l	100
12) 1,1-Dichloroethene	2.37	96	61455	22.20	ug/l	99
13) Acrolein	2.29	56	55120	130.70	ug/l	98
14) Allyl chloride	2.73	41	125604	23.02	ug/l	100
15) Acrylonitrile	3.15	53	185945	112.65	ug/l	99
16) Acetone	2.45	43	208293	129.65	ug/l	98
17) Carbon Disulfide	2.57	76	169877	23.03	ug/l	99
18) Methyl Acetate	2.78	43	109196	24.31	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	229793	23.09	ug/l	100
20) Methylene Chloride	2.86	84	71484	22.86	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	68149	22.60	ug/l	97
22) Diisopropyl ether	3.87	45	245695	23.56	ug/l	99
23) Vinyl Acetate	3.82	43	1025383	116.10	ug/l	100
24) 1,1-Dichloroethane	3.70	63	131541	23.20	ug/l	100
25) 2-Butanone	4.70	43	283421	118.87	ug/l	97
26) 2,2-Dichloropropane	4.59	77	110919	24.06	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	77739	23.00	ug/l	97
28) Bromochloromethane	5.02	49	64104	23.62	ug/l	95
29) Tetrahydrofuran	5.16	42	169275	110.71	ug/l	97
30) Chloroform	5.21	83	136616	23.48	ug/l	98
31) Cyclohexane	5.57	56	113978	23.43	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	122017	23.84	ug/l	99
36) 1,1-Dichloropropene	5.80	75	97035	23.43	ug/l	98
37) Ethyl Acetate	4.85	43	104208	23.37	ug/l	99
38) Carbon Tetrachloride	5.79	117	108183	23.80	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	115905	24.02	ug/l	97
40) Benzene	6.15	78	286118	23.77	ug/l	99
41) Methacrylonitrile	5.06	41	59977	23.36	ug/l	98
42) 1,2-Dichloroethane	6.20	62	113853	23.42	ug/l	100
43) Isopropyl Acetate	6.46	43	170989	22.86	ug/l	99
44) Trichloroethene	7.21	130	84267	23.49	ug/l	95
45) 1,2-Dichloropropane	7.52	63	76238	23.88	ug/l	97
46) Dibromomethane	7.67	93	52125	23.53	ug/l	98
47) Bromodichloromethane	7.90	83	99975	24.41	ug/l	96
48) Methyl methacrylate	7.78	41	89760	23.29	ug/l	98
49) 1,4-Dioxane	7.76	88	34789	463.99	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	556282	118.88	ug/l	99
52) Toluene	8.79	92	187936	24.38	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	114059	24.59	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	106150	23.78	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	76007	23.99	ug/l	98
56) Ethyl methacrylate	9.18	69	109749	23.70	ug/l	97
57) 1,3-Dichloropropane	9.37	76	123920	23.82	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	282222	126.35	ug/l	99
59) 2-Hexanone	9.50	43	432602	121.64	ug/l	99
60) Dibromochloromethane	9.59	129	81491	24.44	ug/l	99
61) 1,2-Dibromoethane	9.68	107	79326	23.87	ug/l	99
64) Tetrachloroethene	9.34	164	93353	23.35	ug/l	96
65) Chlorobenzene	10.14	112	217488	23.81	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	80867	24.37	ug/l	98
67) Ethyl Benzene	10.26	91	371936	24.65	ug/l	98
68) m/p-Xylenes	10.36	106	285621	49.12	ug/l	100
69) o-Xylene	10.70	106	137854	24.35	ug/l	99
70) Styrene	10.71	104	224376	24.39	ug/l	99
71) Bromoform	10.86	173	63463	23.42	ug/l #	98
73) Isopropylbenzene	11.02	105	380822	24.50	ug/l	100
74) N-amyl acetate	6.46	43	170989	22.48	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	113137	23.62	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	112399m	26.85	ug/l	
77) Bromobenzene	11.26	156	104564	23.62	ug/l	98
78) n-propylbenzene	11.36	91	437403	24.72	ug/l	100
79) 2-Chlorotoluene	11.42	91	258573	24.14	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	322572	24.64	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	28313	21.67	ug/l	97
82) 4-Chlorotoluene	11.51	91	309767	24.42	ug/l	100
83) tert-Butylbenzene	11.77	119	315653	24.46	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	333501	24.58	ug/l	98
85) sec-Butylbenzene	11.95	105	388104	24.79	ug/l	100
86) p-Isopropyltoluene	12.07	119	348926	24.79	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	192981	23.87	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	197537	23.74	ug/l	100
89) n-Butylbenzene	12.39	91	303051	24.74	ug/l	99
90) Hexachloroethane	12.60	117	48425	23.13	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	193464	23.71	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	23633	21.95	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	142255	23.95	ug/l	98
94) Hexachlorobutadiene	13.79	225	72227	24.38	ug/l	99
95) Naphthalene	13.84	128	380979	24.08	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	144386	24.34	ug/l	99

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

