

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002895.D
 Acq On : 26 Jun 2018 13:42
 Operator : JC/MD
 Sample : VX0626WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 3:12:07 PM

Quant Time: Jun 27 03:36:41 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	266518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	362536	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215217	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	183650	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
35) Dibromofluoromethane	5.51	113	145274	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	8.72	98	533528	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	11.14	95	198791	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45398	18.89	ug/l	98
3) Chloromethane	1.32	50	48424	18.86	ug/l	99
4) Vinyl Chloride	1.40	62	54872	18.21	ug/l	# 89
5) Bromomethane	1.64	94	25610	16.37	ug/l	97
6) Chloroethane	1.73	64	36248	19.19	ug/l	98
7) Trichlorofluoromethane	1.93	101	98885	19.45	ug/l	97
8) Diethyl Ether	2.19	74	34846	18.85	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55707	18.91	ug/l	100
10) Methyl Iodide	2.51	142	36960	17.06	ug/l	99
11) Tert butyl alcohol	3.07	59	76145	103.76	ug/l	99
12) 1,1-Dichloroethene	2.37	96	50082	19.05	ug/l	94
13) Acrolein	2.29	56	37660	95.23	ug/l	99
14) Allyl chloride	2.73	41	100713	19.44	ug/l	99
15) Acrylonitrile	3.15	53	154296	98.44	ug/l	100
16) Acetone	2.45	43	167701	109.93	ug/l	98
17) Carbon Disulfide	2.57	76	131865	18.83	ug/l	98
18) Methyl Acetate	2.78	43	91243	21.39	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	184011	19.47	ug/l	96
20) Methylene Chloride	2.86	84	55883	18.82	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	52687	18.40	ug/l	97
22) Diisopropyl ether	3.87	45	191286	19.31	ug/l	95
23) Vinyl Acetate	3.82	43	806696	96.19	ug/l	99
24) 1,1-Dichloroethane	3.70	63	104760	19.46	ug/l	99
25) 2-Butanone	4.71	43	232536	102.71	ug/l	99
26) 2,2-Dichloropropane	4.59	77	85294	19.49	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	61430	19.14	ug/l	100
28) Bromochloromethane	5.03	49	50857	19.74	ug/l	96
29) Tetrahydrofuran	5.17	42	141914	97.74	ug/l	97
30) Chloroform	5.22	83	107457	19.45	ug/l	99
31) Cyclohexane	5.57	56	86756	18.78	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	94591	19.46	ug/l	99
36) 1,1-Dichloropropene	5.80	75	75267	18.93	ug/l	99
37) Ethyl Acetate	4.87	43	85351	19.94	ug/l	98
38) Carbon Tetrachloride	5.79	117	84407	19.35	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	88677	19.15	ug/l	97
40) Benzene	6.15	78	224452	19.43	ug/l	97
41) Methacrylonitrile	5.07	41	48046	19.49	ug/l	97
42) 1,2-Dichloroethane	6.20	62	91392	19.59	ug/l	100
43) Isopropyl Acetate	6.47	43	136979	19.08	ug/l	99
44) Trichloroethene	7.22	130	65803	19.11	ug/l	97
45) 1,2-Dichloropropane	7.52	63	60143	19.63	ug/l	99
46) Dibromomethane	7.67	93	40807	19.19	ug/l	97
47) Bromodichloromethane	7.90	83	77927	19.82	ug/l	100
48) Methyl methacrylate	7.78	41	72390	19.57	ug/l	97
49) 1,4-Dioxane	7.76	88	28866	401.09	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	451890	100.61	ug/l	99
52) Toluene	8.79	92	145672	19.69	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	88407	19.86	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	80496	18.79	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	61276	20.15	ug/l	97
56) Ethyl methacrylate	9.18	69	86346	19.43	ug/l	98
57) 1,3-Dichloropropane	9.38	76	97710	19.56	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	229341	106.97	ug/l	98
59) 2-Hexanone	9.50	43	354528	103.85	ug/l	99
60) Dibromochloromethane	9.59	129	62870	19.64	ug/l	99
61) 1,2-Dibromoethane	9.68	107	62445	19.58	ug/l	100
64) Tetrachloroethene	9.34	164	72992	18.84	ug/l	98
65) Chlorobenzene	10.14	112	167712	18.95	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	62810	19.54	ug/l	99
67) Ethyl Benzene	10.26	91	284550	19.46	ug/l	98
68) m/p-Xylenes	10.36	106	218956	38.86	ug/l	100
69) o-Xylene	10.70	106	107136	19.53	ug/l	98
70) Styrene	10.71	104	174164	19.54	ug/l	99
71) Bromoform	10.86	173	48754	19.38	ug/l	100
73) Isopropylbenzene	11.02	105	290935	20.09	ug/l	100
74) N-amyl acetate	6.47	43	136979	19.34	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	90283	20.24	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	89258m	22.90	ug/l	
77) Bromobenzene	11.26	156	80399	19.50	ug/l	97
78) n-propylbenzene	11.37	91	332816	20.19	ug/l	99
79) 2-Chlorotoluene	11.42	91	199835	20.03	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	245434	20.13	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	21648	18.39	ug/l	96
82) 4-Chlorotoluene	11.51	91	231531	19.60	ug/l	99
83) tert-Butylbenzene	11.77	119	242879	20.21	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	254916	20.18	ug/l	99
85) sec-Butylbenzene	11.95	105	293257	20.11	ug/l	100
86) p-Isopropyltoluene	12.07	119	264464	20.18	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	148063	19.66	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	148248	19.13	ug/l	99
89) n-Butylbenzene	12.39	91	224438	19.67	ug/l	100
90) Hexachloroethane	12.60	117	36396	18.67	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	145679	19.17	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19070	19.02	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	107017	19.35	ug/l	100
94) Hexachlorobutadiene	13.79	225	52527	19.04	ug/l	99
95) Naphthalene	13.84	128	295516	20.06	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	109159	19.76	ug/l	100

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

