

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX002987.D
 Acq On : 28 Jun 2018 16:07
 Operator : JC/MD
 Sample : VX0628WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 12:22:53 PM

Quant Time: Jun 29 06:54:47 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	265948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	367306	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	349018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	216983	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	185630	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	5.51	113	149564	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
50) Toluene-d8	8.72	98	536582	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.14	95	202825	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59643	24.97	ug/l	98
3) Chloromethane	1.32	50	57541	22.69	ug/l	98
4) Vinyl Chloride	1.40	62	62533	20.79	ug/l #	86
5) Bromomethane	1.64	94	29167	19.09	ug/l	97
6) Chloroethane	1.72	64	41166	22.15	ug/l	99
7) Trichlorofluoromethane	1.93	101	101428	19.99	ug/l	98
8) Diethyl Ether	2.19	74	35960	19.50	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57498	19.56	ug/l	99
10) Methyl Iodide	2.51	142	42012	18.56	ug/l	99
11) Tert butyl alcohol	3.08	59	72773	99.38	ug/l	98
12) 1,1-Dichloroethene	2.37	96	52335	19.95	ug/l	95
13) Acrolein	2.29	56	42805	107.88	ug/l	99
14) Allyl chloride	2.73	41	102733	19.87	ug/l	97
15) Acrylonitrile	3.15	53	159315	101.86	ug/l	99
16) Acetone	2.45	43	162948	107.04	ug/l	100
17) Carbon Disulfide	2.57	76	151462	21.67	ug/l	100
18) Methyl Acetate	2.78	43	75222	17.67	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	184863	19.61	ug/l	98
20) Methylene Chloride	2.86	84	58562	19.77	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	56379	19.74	ug/l	93
22) Diisopropyl ether	3.88	45	195071	19.74	ug/l	99
23) Vinyl Acetate	3.83	43	868707	103.81	ug/l	98
24) 1,1-Dichloroethane	3.70	63	104745	19.50	ug/l	100
25) 2-Butanone	4.71	43	236639	104.74	ug/l	97
26) 1,2-Dichloropropane	4.59	77	84013	19.23	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	63790	19.92	ug/l	100
28) Bromochloromethane	5.03	49	51799	20.15	ug/l	95
29) Tetrahydrofuran	5.17	42	147385	101.73	ug/l	96
30) Chloroform	5.22	83	110219	19.99	ug/l	98
31) Cyclohexane	5.57	56	91999	19.96	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	96443	19.88	ug/l	100
36) 1,1-Dichloropropene	5.80	75	78231	19.42	ug/l	97
37) Ethyl Acetate	4.87	43	91122	21.01	ug/l	98
38) Carbon Tetrachloride	5.79	117	87357	19.76	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91627	19.53	ug/l	96
40) Benzene	6.15	78	232406	19.86	ug/l	99
41) Methacrylonitrile	5.07	41	51344	20.56	ug/l	98
42) 1,2-Dichloroethane	6.20	62	92843	19.64	ug/l	99
43) Isopropyl Acetate	6.47	43	142715	19.62	ug/l	99
44) Trichloroethene	7.21	130	68131	19.53	ug/l	98
45) 1,2-Dichloropropane	7.52	63	61159	19.70	ug/l	98
46) Dibromomethane	7.67	93	42848	19.89	ug/l	96
47) Bromodichloromethane	7.90	83	79708	20.01	ug/l	99
48) Methyl methacrylate	7.78	41	72638	19.38	ug/l	97
49) 1,4-Dioxane	7.76	88	30283	415.32	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	465907	102.38	ug/l	99
52) Toluene	8.79	92	150551	20.08	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	90395	20.04	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	81622	18.81	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	62157	20.18	ug/l	98
56) Ethyl methacrylate	9.18	69	89915	19.97	ug/l	97
57) 1,3-Dichloropropane	9.38	76	101135	19.99	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	217843	100.28	ug/l	98
59) 2-Hexanone	9.50	43	359581	103.97	ug/l	98
60) Dibromochloromethane	9.59	129	64448	19.87	ug/l	99
61) 1,2-Dibromoethane	9.68	107	65170	20.17	ug/l	100
64) Tetrachloroethene	9.34	164	76298	19.66	ug/l	98
65) Chlorobenzene	10.14	112	172532	19.46	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	63385	19.68	ug/l	100
67) Ethyl Benzene	10.26	91	288652	19.71	ug/l	99
68) m/p-Xylenes	10.36	106	224316	39.74	ug/l	100
69) o-Xylene	10.70	106	109580	19.94	ug/l	99
70) Styrene	10.71	104	179270	20.08	ug/l	99
71) Bromoform	10.86	173	49555	19.61	ug/l	100
73) Isopropylbenzene	11.02	105	300087	20.56	ug/l	100
74) N-amyl acetate	6.47	43	142715	19.98	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	93320	20.75	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	79934m	20.34	ug/l	
77) Bromobenzene	11.26	156	83405	20.06	ug/l	97
78) n-propylbenzene	11.37	91	340286	20.48	ug/l	99
79) 2-Chlorotoluene	11.43	91	202648	20.15	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	252647	20.55	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	21595	18.23	ug/l	95
82) 4-Chlorotoluene	11.51	91	237131	19.91	ug/l	99
83) tert-Butylbenzene	11.77	119	248002	20.47	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	257698	20.23	ug/l	98
85) sec-Butylbenzene	11.95	105	297819	20.26	ug/l	99
86) p-Isopropyltoluene	12.07	119	266223	20.15	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	151016	19.89	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	152550	19.53	ug/l	100
89) n-Butylbenzene	12.39	91	224176	19.49	ug/l	100
90) Hexachloroethane	12.60	117	36634	18.64	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	150294	19.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19709	19.50	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	109244	19.59	ug/l	99
94) Hexachlorobutadiene	13.79	225	53025	19.06	ug/l	100
95) Naphthalene	13.84	128	302010	20.33	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112281	20.16	ug/l	100

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

