

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003674.D
 Acq On : 26 Jul 2018 17:04
 Operator : JC/SP
 Sample : VX0726WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 5:40:30 PM

Quant Time: Jul 27 05:50:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	113391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	167123	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	159253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95740	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	84509	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	5.51	113	69768	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	8.72	98	264420	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	11.14	95	95695	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	25213	19.52	ug/l	92
3) Chloromethane	1.32	50	32175	18.91	ug/l	100
4) Vinyl Chloride	1.40	62	36520	20.99	ug/l	94
5) Bromomethane	1.64	94	20070	23.89	ug/l	98
6) Chloroethane	1.72	64	22994	18.90	ug/l	97
7) Trichlorofluoromethane	1.93	101	45885	20.49	ug/l	94
8) Diethyl Ether	2.19	74	19380	19.75	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	27460	19.92	ug/l	98
10) Methyl Iodide	2.51	142	35612	21.12	ug/l	98
11) Tert butyl alcohol	3.05	59	42263	105.26	ug/l	99
12) 1,1-Dichloroethene	2.38	96	26040	19.85	ug/l	92
13) Acrolein	2.29	56	21804	109.70	ug/l	97
14) Allyl chloride	2.73	41	55719	20.38	ug/l	98
15) Acrylonitrile	3.15	53	102719	105.89	ug/l	99
16) Acetone	2.44	43	85086	107.83	ug/l	99
17) Carbon Disulfide	2.57	76	73424	19.46	ug/l	98
18) Methyl Acetate	2.78	43	51339	21.54	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	96267	20.78	ug/l	98
20) Methylene Chloride	2.86	84	32190	20.59	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	29196	20.70	ug/l	99
22) Diisopropyl ether	3.87	45	107521	21.54	ug/l	95
23) Vinyl Acetate	3.82	43	456062	106.65	ug/l	99
24) 1,1-Dichloroethane	3.70	63	57673	20.50	ug/l	98
25) 2-Butanone	4.71	43	132198	108.45	ug/l	99
26) 2,2-Dichloropropane	4.59	77	42624	23.96	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	33073	21.60	ug/l	93
28) Bromochloromethane	5.03	49	22335	19.78	ug/l	99
29) Tetrahydrofuran	5.17	42	83429	105.13	ug/l	98
30) Chloroform	5.21	83	54321	21.29	ug/l	97
31) Cyclohexane	5.57	56	45693	20.23	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	44366	20.93	ug/l	97
36) 1,1-Dichloropropene	5.80	75	39364	20.15	ug/l	99
37) Ethyl Acetate	4.87	43	47000	20.01	ug/l	99
38) Carbon Tetrachloride	5.79	117	38194	20.29	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	42910	19.96	ug/l	99
40) Benzene	6.14	78	121116	20.95	ug/l	98
41) Methacrylonitrile	5.07	41	26130	20.09	ug/l	98
42) 1,2-Dichloroethane	6.21	62	42830	21.05	ug/l	100
43) Isopropyl Acetate	6.47	43	72312	21.10	ug/l	100
44) Trichloroethene	7.22	130	30050	19.39	ug/l	100
45) 1,2-Dichloropropane	7.52	63	31593	21.14	ug/l	95
46) Dibromomethane	7.67	93	19639	20.46	ug/l	99
47) Bromodichloromethane	7.90	83	36841	20.47	ug/l	98
48) Methyl methacrylate	7.78	41	36294	20.87	ug/l	98
49) 1,4-Dioxane	7.76	88	16134	415.88	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	245255	106.07	ug/l	98
52) Toluene	8.79	92	73817	20.54	ug/l	100
53) t-1,3-Dichloropropene	9.05	75	41002	20.58	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	45648	20.82	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	30476	20.75	ug/l	99
56) Ethyl methacrylate	9.18	69	44479	20.35	ug/l	97
57) 1,3-Dichloropropane	9.38	76	51411	20.85	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	115608	105.25	ug/l	100
59) 2-Hexanone	9.50	43	188516	106.29	ug/l	99
60) Dibromochloromethane	9.59	129	28424	20.40	ug/l	98
61) 1,2-Dibromoethane	9.68	107	31694	20.72	ug/l	98
64) Tetrachloroethene	9.34	164	27702	19.03	ug/l	97
65) Chlorobenzene	10.14	112	81681	20.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	28770	20.65	ug/l	99
67) Ethyl Benzene	10.26	91	136585	20.36	ug/l	99
68) m/p-Xylenes	10.36	106	105816	41.11	ug/l	98
69) o-Xylene	10.70	106	50775	20.49	ug/l	98
70) Styrene	10.71	104	85769	20.61	ug/l	99
71) Bromoform	10.86	173	21748	19.74	ug/l	# 99
73) Isopropylbenzene	11.02	105	138009	21.10	ug/l	99
74) N-amyl acetate	6.47	43	72312	21.20	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	49538	20.51	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	42383m	21.11	ug/l	
77) Bromobenzene	11.26	156	36467	20.53	ug/l	99
78) n-propylbenzene	11.36	91	161505	21.38	ug/l	99
79) 2-Chlorotoluene	11.43	91	96287	20.97	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	115944	20.95	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	13431	20.72	ug/l	94
82) 4-Chlorotoluene	11.51	91	111933	20.70	ug/l	100
83) tert-Butylbenzene	11.77	119	112865	20.84	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	120692	21.22	ug/l	100
85) sec-Butylbenzene	11.95	105	135888	21.02	ug/l	100
86) p-Isopropyltoluene	12.07	119	119470	20.59	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	67203	20.31	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	68581	19.94	ug/l	99
89) n-Butylbenzene	12.39	91	104130	19.91	ug/l	99
90) Hexachloroethane	12.60	117	18581	21.15	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	68067	20.14	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	10446	20.77	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	46666	19.35	ug/l	100
94) Hexachlorobutadiene	13.79	225	21732	19.47	ug/l	98
95) Naphthalene	13.83	128	147947	20.28	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	48436	19.77	ug/l	99

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

