

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003296.D
 Acq On : 10 Jul 2018 20:36
 Operator : JC/MD
 Sample : VX0710WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/11/2018 3:09:28 PM

Quant Time: Jul 11 01:22:46 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	244480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	307130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	277178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	194970	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	183620	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
35) Dibromofluoromethane	5.51	113	158109	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
50) Toluene-d8	8.72	98	582393	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.14	95	211378	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	76050	20.46	ug/l	97
3) Chloromethane	1.32	50	63356	18.75	ug/l	99
4) Vinyl Chloride	1.40	62	66404	19.14	ug/l	97
5) Bromomethane	1.64	94	25540	25.06	ug/l	99
6) Chloroethane	1.72	64	38474	20.02	ug/l	99
7) Trichlorofluoromethane	1.93	101	102134	19.81	ug/l	99
8) Diethyl Ether	2.19	74	35593	19.10	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	58129	19.26	ug/l	96
10) Methyl Iodide	2.51	142	58628	21.25	ug/l	97
11) Tert butyl alcohol	3.08	59	68666	98.44	ug/l	99
12) 1,1-Dichloroethene	2.37	96	52494	19.11	ug/l	93
13) Acrolein	2.29	56	47471	84.45	ug/l	99
14) Allyl chloride	2.73	41	93939	18.46	ug/l	95
15) Acrylonitrile	3.15	53	148972	95.64	ug/l	99
16) Acetone	2.45	43	142190	104.09	ug/l	97
17) Carbon Disulfide	2.57	76	137889	18.06	ug/l	98
18) Methyl Acetate	2.78	43	85254	22.12	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	171366	18.67	ug/l	98
20) Methylene Chloride	2.86	84	59244	20.75	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	53921	18.41	ug/l	93
22) Diisopropyl ether	3.88	45	174606	16.87	ug/l	98
23) Vinyl Acetate	3.83	43	753636	85.74	ug/l	97
24) 1,1-Dichloroethane	3.70	63	98638	18.31	ug/l	98
25) 2-Butanone	4.72	43	238291	98.59	ug/l	95
26) 2,2-Dichloropropane	4.59	77	67679	14.36	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	68285	18.97	ug/l	92
28) Bromochloromethane	5.03	49	52128	19.20	ug/l	84
29) Tetrahydrofuran	5.18	42	150198	95.74	ug/l	94
30) Chloroform	5.22	83	114388	19.30	ug/l	98
31) Cyclohexane	5.58	56	93992	18.63	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	99676	19.06	ug/l	98
36) 1,1-Dichloropropene	5.80	75	83405	19.18	ug/l	99
37) Ethyl Acetate	4.87	43	89733	18.83	ug/l	96
38) Carbon Tetrachloride	5.78	117	90871	19.11	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	95086	18.56	ug/l	95
40) Benzene	6.15	78	254509	19.75	ug/l	97
41) Methacrylonitrile	5.07	41	50649	19.41	ug/l	94
42) 1,2-Dichloroethane	6.20	62	90829	18.87	ug/l	97
43) Isopropyl Acetate	6.48	43	144967	19.37	ug/l	97
44) Trichloroethene	7.22	130	77007	20.21	ug/l	94
45) 1,2-Dichloropropane	7.52	63	65041	19.42	ug/l	98
46) Dibromomethane	7.67	93	44616	19.54	ug/l	92
47) Bromodichloromethane	7.90	83	81004	19.23	ug/l	98
48) Methyl methacrylate	7.79	41	74849	19.50	ug/l	91
49) 1,4-Dioxane	7.76	88	30782	383.51	ug/l #	88
51) 4-Methyl-2-Pentanone	8.65	43	475345	102.01	ug/l	96
52) Toluene	8.79	92	161390	19.81	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	92211	18.60	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	83153	18.43	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	66607	19.71	ug/l	98
56) Ethyl methacrylate	9.19	69	92321	19.95	ug/l	91
57) 1,3-Dichloropropane	9.38	76	109815	20.18	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	238520	106.84	ug/l	95
59) 2-Hexanone	9.50	43	369546	104.41	ug/l	96
60) Dibromochloromethane	9.59	129	66570	18.87	ug/l	98
61) 1,2-Dibromoethane	9.68	107	70931	20.03	ug/l	99
64) Tetrachloroethene	9.34	164	94577	22.57	ug/l	99
65) Chlorobenzene	10.14	112	184836	19.63	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	67535	19.87	ug/l	99
67) Ethyl Benzene	10.26	91	299285	19.65	ug/l	100
68) m/p-Xylenes	10.36	106	235450	39.74	ug/l	99
69) o-Xylene	10.70	106	113437	19.76	ug/l	98
70) Styrene	10.71	104	185122	19.89	ug/l	98
71) Bromoform	10.86	173	51469	18.41	ug/l	99
73) Isopropylbenzene	11.02	105	308983	20.07	ug/l	99
74) N-amyl acetate	6.48	43	144967	19.74	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	92739	19.42	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	94504m	22.43	ug/l	
77) Bromobenzene	11.26	156	88565	19.93	ug/l	95
78) n-propylbenzene	11.37	91	344290	20.12	ug/l	99
79) 2-Chlorotoluene	11.43	91	207341	19.89	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	258912	20.20	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	22703	17.61	ug/l	98
82) 4-Chlorotoluene	11.51	91	244490	20.08	ug/l	98
83) tert-Butylbenzene	11.77	119	245496	19.17	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	266153	20.28	ug/l	98
85) sec-Butylbenzene	11.95	105	304467	20.12	ug/l	99
86) p-Isopropyltoluene	12.07	119	271379	19.68	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	157101	19.27	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	159906	19.37	ug/l	99
89) n-Butylbenzene	12.39	91	220349	19.13	ug/l	99
90) Hexachloroethane	12.60	117	38462	18.27	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	159261	19.45	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20068	19.59	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	117065	19.65	ug/l	99
94) Hexachlorobutadiene	13.79	225	57728	19.46	ug/l	99
95) Naphthalene	13.84	128	318765	20.45	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	116316	19.57	ug/l	99

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

