

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001209.D
 Acq On : 28 Apr 2018 13:14
 Operator : JC/MD
 Sample : VX0428WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS01

Manual Integrations
 APPROVED

apatel
 5/1/2018 7:44:39 PM

Quant Time: Apr 30 01:58:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	208142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	271035	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	259415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178564	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	138588	42.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.90%	
35) Dibromofluoromethane	5.51	113	111595	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.72	98	432728	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.14	95	166432	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43850	20.09	ug/l	100
3) Chloromethane	1.32	50	40854	17.87	ug/l	99
4) Vinyl Chloride	1.40	62	45837	18.90	ug/l	100
5) Bromomethane	1.64	94	33751	21.47	ug/l	92
6) Chloroethane	1.73	64	28345	18.57	ug/l	97
7) Trichlorofluoromethane	1.93	101	80109	20.45	ug/l	99
8) Diethyl Ether	2.19	74	27264	18.10	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46355	21.48	ug/l	99
10) Methyl Iodide	2.51	142	30540	18.88	ug/l	98
11) Tert butyl alcohol	3.07	59	51294	80.62	ug/l	99
12) 1,1-Dichloroethene	2.38	96	40577	19.28	ug/l	98
13) Acrolein	2.29	56	13110	54.50	ug/l	91
14) Allyl chloride	2.73	41	71888	18.72	ug/l	96
15) Acrylonitrile	3.15	53	111863	82.33	ug/l	99
16) Acetone	2.45	43	119039	89.72	ug/l	99
17) Carbon Disulfide	2.57	76	96498	17.97	ug/l	100
18) Methyl Acetate	2.78	43	57899	17.44	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	139863	18.05	ug/l	99
20) Methylene Chloride	2.86	84	46132	18.67	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	43543	18.71	ug/l	99
22) Diisopropyl ether	3.87	45	135018	17.57	ug/l	94
23) Vinyl Acetate	3.83	43	600495	92.13	ug/l	100
24) 1,1-Dichloroethane	3.70	63	79487	19.69	ug/l	97
25) 2-Butanone	4.71	43	161139	81.17	ug/l	97
26) 2,2-Dichloropropane	4.59	77	60341	18.99	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	48842	19.17	ug/l	98
28) Bromochloromethane	5.03	49	35807	19.78	ug/l	96
29) Tetrahydrofuran	5.17	42	99932	78.29	ug/l	100
30) Chloroform	5.22	83	80976	18.86	ug/l	98
31) Cyclohexane	5.57	56	67537	19.69	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	71363	19.25	ug/l	99
36) 1,1-Dichloropropene	5.80	75	59600	19.95	ug/l	98
37) Ethyl Acetate	4.87	43	61266	17.13	ug/l	99
38) Carbon Tetrachloride	5.79	117	62668	20.46	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	70315	21.27	ug/l	98
40) Benzene	6.15	78	178432	20.65	ug/l	99
41) Methacrylonitrile	5.07	41	34575	17.20	ug/l	98
42) 1,2-Dichloroethane	6.20	62	68252	19.60	ug/l	98
43) Isopropyl Acetate	6.47	43	99823	17.77	ug/l	100
44) Trichloroethene	7.22	130	55097	21.41	ug/l	95
45) 1,2-Dichloropropane	7.52	63	44249	19.47	ug/l	97
46) Dibromomethane	7.67	93	31680	20.13	ug/l	98
47) Bromodichloromethane	7.90	83	57948	20.27	ug/l	97
48) Methyl methacrylate	7.78	41	52215	17.49	ug/l	97
49) 1,4-Dioxane	7.76	88	22098	369.67	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	329428	89.28	ug/l	97
52) Toluene	8.79	92	117498	20.80	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	65736	19.78	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	60627	18.92	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	46729	19.55	ug/l	98
56) Ethyl methacrylate	9.19	69	65356	18.45	ug/l	98
57) 1,3-Dichloropropane	9.38	76	76842	19.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	150612	89.95	ug/l	100
59) 2-Hexanone	9.50	43	255098	88.24	ug/l	98
60) Dibromochloromethane	9.59	129	47587	19.25	ug/l	100
61) 1,2-Dibromoethane	9.68	107	49367	19.71	ug/l	99
64) Tetrachloroethene	9.34	164	63277	22.85	ug/l	98
65) Chlorobenzene	10.14	112	139376	20.51	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	47808	20.33	ug/l	99
67) Ethyl Benzene	10.26	91	230224	20.85	ug/l	99
68) m/p-Xylenes	10.36	106	183738	42.09	ug/l	99
69) o-Xylene	10.70	106	86969	20.54	ug/l	99
70) Styrene	10.72	104	143779	20.40	ug/l	100
71) Bromoform	10.86	173	36839	18.37	ug/l #	99
73) Isopropylbenzene	11.02	105	234760	20.17	ug/l	99
74) N-amyl acetate	6.47	43	99823	17.02	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68284	17.68	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	64653m	17.78	ug/l	
77) Bromobenzene	11.26	156	68072	19.72	ug/l	97
78) n-propylbenzene	11.37	91	271382	20.91	ug/l	100
79) 2-Chlorotoluene	11.43	91	160217	19.92	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	201843	20.48	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	14584	16.59	ug/l	90
82) 4-Chlorotoluene	11.51	91	192808	20.16	ug/l	100
83) tert-Butylbenzene	11.77	119	194260	19.75	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	207830	20.52	ug/l	99
85) sec-Butylbenzene	11.95	105	240995	20.98	ug/l	100
86) p-Isopropyltoluene	12.07	119	220441	20.63	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	127271	20.54	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	129788	20.10	ug/l	99
89) n-Butylbenzene	12.39	91	188555	20.39	ug/l	99
90) Hexachloroethane	12.60	117	29547	19.35	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	125531	20.05	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13869	16.27	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	95818	19.52	ug/l	100
94) Hexachlorobutadiene	13.79	225	44238	19.17	ug/l	98
95) Naphthalene	13.84	128	247991	18.13	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	94688	19.38	ug/l	100

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

