

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041218\
 Data File : VX000819.D
 Acq On : 12 Apr 2018 23:21
 Operator : JC/MD
 Sample : VX0412WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBSD02

Manual Integrations
 APPROVED

apatel
 4/13/2018 2:58:18 PM

Quant Time: Apr 13 07:56:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	348694	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	220250	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	161729	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	5.51	113	136232	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	8.73	98	500224	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.14	95	202151	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59420	20.88	ug/l	98
3) Chloromethane	1.32	50	45929	18.83	ug/l	99
4) Vinyl Chloride	1.40	62	57820	21.07	ug/l	97
5) Bromomethane	1.64	94	29959	25.70	ug/l	95
6) Chloroethane	1.73	64	36037	21.67	ug/l	100
7) Trichlorofluoromethane	1.93	101	86797	20.96	ug/l	99
8) Diethyl Ether	2.19	74	33319	21.54	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50973	20.88	ug/l	99
10) Methyl Iodide	2.51	142	21815	17.82	ug/l	99
11) Tert butyl alcohol	3.08	59	60433	107.09	ug/l	99
12) 1,1-Dichloroethene	2.38	96	48785	21.09	ug/l	99
13) Acrolein	2.30	56	17307	63.16	ug/l	97
14) Allyl chloride	2.73	41	88251	20.63	ug/l	98
15) Acrylonitrile	3.15	53	137818	114.55	ug/l	100
16) Acetone	2.45	43	112126	102.30	ug/l	98
17) Carbon Disulfide	2.57	76	131841	18.82	ug/l	98
18) Methyl Acetate	2.78	43	68210	24.05	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	169729	22.03	ug/l	98
20) Methylene Chloride	2.86	84	53784	21.10	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	52824	20.71	ug/l	97
22) Diisopropyl ether	3.88	45	176686	22.47	ug/l	97
23) Vinyl Acetate	3.83	43	772625	111.93	ug/l	97
24) 1,1-Dichloroethane	3.70	63	98622	22.36	ug/l	98
25) 2-Butanone	4.72	43	201533	111.34	ug/l	98
26) 2,2-Dichloropropane	4.59	77	75728	17.29	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	62737	21.67	ug/l	98
28) Bromochloromethane	5.03	49	38194	21.50	ug/l	98
29) Tetrahydrofuran	5.18	42	129275	112.49	ug/l	99
30) Chloroform	5.23	83	101557	21.74	ug/l	95
31) Cyclohexane	5.59	56	85990	20.52	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	94007	21.13	ug/l	99
36) 1,1-Dichloropropene	5.81	75	76633	19.96	ug/l	99
37) Ethyl Acetate	4.87	43	79438	21.19	ug/l	100
38) Carbon Tetrachloride	5.79	117	84871	19.75	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	88170	19.12	ug/l	98
40) Benzene	6.15	78	224141	21.01	ug/l	99
41) Methacrylonitrile	5.07	41	46906	21.66	ug/l	99
42) 1,2-Dichloroethane	6.21	62	84292	21.15	ug/l	100
43) Isopropyl Acetate	6.48	43	133236	20.73	ug/l	100
44) Trichloroethene	7.22	130	68432	20.62	ug/l	99
45) 1,2-Dichloropropane	7.53	63	56527	20.80	ug/l	99
46) Dibromomethane	7.67	93	39277	20.73	ug/l	100
47) Bromodichloromethane	7.91	83	77663	20.31	ug/l	99
48) Methyl methacrylate	7.79	41	70904	21.28	ug/l	99
49) 1,4-Dioxane	7.76	88	26936	402.31	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	414336	109.74	ug/l	100
52) Toluene	8.79	92	146241	20.66	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	91093	19.86	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	86797	19.44	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	58987	20.99	ug/l	97
56) Ethyl methacrylate	9.19	69	89906	20.74	ug/l	99
57) 1,3-Dichloropropane	9.38	76	97153	21.74	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	222226	109.71	ug/l	99
59) 2-Hexanone	9.51	43	310130	106.40	ug/l	100
60) Dibromochloromethane	9.59	129	66720	19.84	ug/l	99
61) 1,2-Dibromoethane	9.68	107	63813	21.40	ug/l	99
64) Tetrachloroethene	9.34	164	69102	21.59	ug/l	99
65) Chlorobenzene	10.15	112	172638	20.97	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	63806	20.59	ug/l	99
67) Ethyl Benzene	10.26	91	285397	20.79	ug/l	99
68) m/p-Xylenes	10.37	106	222351	41.04	ug/l	98
69) o-Xylene	10.71	106	110112	21.08	ug/l	98
70) Styrene	10.72	104	181360	20.60	ug/l	99
71) Bromoform	10.87	173	55849	19.46	ug/l #	99
73) Isopropylbenzene	11.02	105	295478	21.15	ug/l	99
74) N-amyl acetate	6.48	43	133236	21.17	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	86187	21.25	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	82552m	21.73	ug/l	
77) Bromobenzene	11.26	156	85323	20.84	ug/l	99
78) n-propylbenzene	11.37	91	331121	20.72	ug/l	100
79) 2-Chlorotoluene	11.43	91	196900	20.85	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	249287	20.75	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	24524	17.76	ug/l	94
82) 4-Chlorotoluene	11.52	91	236470	20.74	ug/l	99
83) tert-Butylbenzene	11.77	119	256870	20.89	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	255504	20.60	ug/l	99
85) sec-Butylbenzene	11.95	105	302741	20.87	ug/l	100
86) p-Isopropyltoluene	12.07	119	278790	20.61	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	155275	20.49	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	160042	20.60	ug/l	99
89) n-Butylbenzene	12.40	91	241566	20.24	ug/l	100
90) Hexachloroethane	12.60	117	43444	18.98	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	154503	21.12	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20624	20.30	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128202	20.53	ug/l	99
94) Hexachlorobutadiene	13.79	225	61559	20.05	ug/l	99
95) Naphthalene	13.84	128	343342	21.42	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	125245	20.65	ug/l	99

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

