

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041218\
 Data File : VX000818.D
 Acq On : 12 Apr 2018 22:55
 Operator : JC/MD
 Sample : VX0412WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Manual Integrations
 APPROVED

apatel
 4/13/2018 2:58:15 PM

Quant Time: Apr 13 07:55:15 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	257645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	354107	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	223675	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	162398	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
35) Dibromofluoromethane	5.51	113	136530	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	8.72	98	498942	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.14	95	200019	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59188	20.35	ug/l	99
3) Chloromethane	1.32	50	48287	19.36	ug/l	99
4) Vinyl Chloride	1.40	62	57070	20.35	ug/l	99
5) Bromomethane	1.65	94	27422	22.87	ug/l	99
6) Chloroethane	1.73	64	35070	20.63	ug/l	97
7) Trichlorofluoromethane	1.93	101	85175	20.13	ug/l	97
8) Diethyl Ether	2.20	74	32670	20.67	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49950	20.02	ug/l	99
10) Methyl Iodide	2.51	142	18317	16.11	ug/l	99
11) Tert butyl alcohol	3.08	59	58315	101.11	ug/l	100
12) 1,1-Dichloroethene	2.38	96	47879	20.25	ug/l	97
13) Acrolein	2.30	56	17223	61.49	ug/l	100
14) Allyl chloride	2.73	41	86307	19.74	ug/l	98
15) Acrylonitrile	3.15	53	133866	108.86	ug/l	100
16) Acetone	2.45	43	108576	96.92	ug/l	98
17) Carbon Disulfide	2.57	76	128394	17.93	ug/l	98
18) Methyl Acetate	2.79	43	66144	22.82	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	163751	20.79	ug/l	97
20) Methylene Chloride	2.86	84	51881	19.91	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	51374	19.70	ug/l	97
22) Diisopropyl ether	3.88	45	172997	21.53	ug/l	96
23) Vinyl Acetate	3.83	43	748159	106.04	ug/l	98
24) 1,1-Dichloroethane	3.70	63	96347	21.37	ug/l	99
25) 2-Butanone	4.71	43	195112	105.47	ug/l	99
26) 2,2-Dichloropropane	4.59	77	75664	16.91	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	60399	20.41	ug/l	98
28) Bromochloromethane	5.03	49	37305	20.55	ug/l	96
29) Tetrahydrofuran	5.18	42	125829	107.12	ug/l	99
30) Chloroform	5.22	83	99558	20.85	ug/l	98
31) Cyclohexane	5.59	56	83750	19.56	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	91883	20.20	ug/l	99
36) 1,1-Dichloropropene	5.81	75	74646	19.14	ug/l	98
37) Ethyl Acetate	4.87	43	78200	20.54	ug/l	99
38) Carbon Tetrachloride	5.79	117	82645	18.93	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	86465	18.46	ug/l	98
40) Benzene	6.15	78	216655	19.99	ug/l	98
41) Methacrylonitrile	5.07	41	45247	20.57	ug/l	99
42) 1,2-Dichloroethane	6.21	62	81665	20.18	ug/l	100
43) Isopropyl Acetate	6.48	43	130591	20.01	ug/l	100
44) Trichloroethene	7.22	130	66564	19.75	ug/l	99
45) 1,2-Dichloropropane	7.53	63	56112	20.34	ug/l	97
46) Dibromomethane	7.67	93	38056	19.78	ug/l	100
47) Bromodichloromethane	7.91	83	75972	19.57	ug/l	97
48) Methyl methacrylate	7.79	41	68686	20.30	ug/l	99
49) 1,4-Dioxane	7.76	88	25296	372.04	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	403747	105.30	ug/l	99
52) Toluene	8.79	92	142535	19.83	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	88917	19.09	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	83636	18.44	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	56682	19.86	ug/l	99
56) Ethyl methacrylate	9.19	69	87582	19.89	ug/l	99
57) 1,3-Dichloropropane	9.38	76	93914	20.70	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	214300	104.18	ug/l	100
59) 2-Hexanone	9.51	43	303562	102.56	ug/l	100
60) Dibromochloromethane	9.59	129	64216	18.81	ug/l	99
61) 1,2-Dibromoethane	9.68	107	61542	20.33	ug/l	100
64) Tetrachloroethene	9.34	164	66791	20.33	ug/l	99
65) Chlorobenzene	10.15	112	167510	19.81	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	61567	19.35	ug/l	99
67) Ethyl Benzene	10.26	91	276764	19.64	ug/l	99
68) m/p-Xylenes	10.37	106	218073	39.20	ug/l	100
69) o-Xylene	10.71	106	106596	19.88	ug/l	99
70) Styrene	10.72	104	176946	19.57	ug/l	100
71) Bromoform	10.87	173	53465	18.15	ug/l #	100
73) Isopropylbenzene	11.02	105	287759	20.28	ug/l	100
74) N-amyl acetate	6.48	43	130591	20.44	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	84729	20.57	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	81612m	21.16	ug/l	
77) Bromobenzene	11.26	156	82995	19.96	ug/l	99
78) n-propylbenzene	11.37	91	323146	19.91	ug/l	100
79) 2-Chlorotoluene	11.43	91	191355	19.95	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	242447	19.87	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	22964	16.38	ug/l	90
82) 4-Chlorotoluene	11.52	91	230849	19.94	ug/l	99
83) tert-Butylbenzene	11.77	119	248957	19.94	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	250986	19.92	ug/l	100
85) sec-Butylbenzene	11.95	105	292917	19.89	ug/l	100
86) p-Isopropyltoluene	12.07	119	269546	19.63	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	151928	19.74	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	153971	19.52	ug/l	99
89) n-Butylbenzene	12.40	91	233585	19.27	ug/l	100
90) Hexachloroethane	12.60	117	41490	17.85	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	148129	19.94	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19650	19.04	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	123925	19.54	ug/l	99
94) Hexachlorobutadiene	13.79	225	59329	19.03	ug/l	100
95) Naphthalene	13.84	128	334088	20.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	122377	19.87	ug/l	99

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

