

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041218\
 Data File : VX000796.D
 Acq On : 12 Apr 2018 12:33
 Operator : JC/MD
 Sample : VX0412WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

Manual Integrations
 APPROVED

apatel
 4/13/2018 2:57:51 PM

Quant Time: Apr 13 07:09:44 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	303800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	401876	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	380607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	258557	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	173028	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	
35) Dibromofluoromethane	5.51	113	145708	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
50) Toluene-d8	8.72	98	540300	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
62) 4-Bromofluorobenzene	11.14	95	221339	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	70769	20.64	ug/l	98
3) Chloromethane	1.32	50	54367	18.49	ug/l	99
4) Vinyl Chloride	1.40	62	64740	19.57	ug/l	98
5) Bromomethane	1.64	94	27668	19.36	ug/l	98
6) Chloroethane	1.73	64	38279	19.10	ug/l	100
7) Trichlorofluoromethane	1.93	101	101580	20.36	ug/l	98
8) Diethyl Ether	2.19	74	36411	19.53	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	61401	20.87	ug/l	99
10) Methyl Iodide	2.51	142	19677	15.41	ug/l	98
11) Tert butyl alcohol	3.06	59	69282	101.87	ug/l	99
12) 1,1-Dichloroethene	2.38	96	54360	19.50	ug/l	99
13) Acrolein	2.29	56	18833	57.02	ug/l	99
14) Allyl chloride	2.73	41	100873	19.56	ug/l	100
15) Acrylonitrile	3.15	53	144400	99.59	ug/l	99
16) Acetone	2.45	43	134950	102.16	ug/l	99
17) Carbon Disulfide	2.57	76	154702	18.32	ug/l	100
18) Methyl Acetate	2.78	43	70432	20.60	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	188349	20.28	ug/l	99
20) Methylene Chloride	2.86	84	60157	19.58	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	59661	19.40	ug/l	98
22) Diisopropyl ether	3.87	45	184842	19.51	ug/l	96
23) Vinyl Acetate	3.83	43	817004	98.21	ug/l	99
24) 1,1-Dichloroethane	3.70	63	104990	19.75	ug/l	98
25) 2-Butanone	4.71	43	220011	100.86	ug/l	99
26) 2,2-Dichloropropane	4.59	77	103518	19.62	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	68823	19.72	ug/l	99
28) Bromochloromethane	5.03	49	41315	19.30	ug/l	97
29) Tetrahydrofuran	5.17	42	136747	98.73	ug/l	100
30) Chloroform	5.23	83	113611	20.18	ug/l	98
31) Cyclohexane	5.58	56	98908	19.59	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	105233	19.62	ug/l	99
36) 1,1-Dichloropropene	5.81	75	86478	19.54	ug/l	99
37) Ethyl Acetate	4.87	43	85830	19.86	ug/l	100
38) Carbon Tetrachloride	5.79	117	97201	19.62	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	106893	20.11	ug/l	99
40) Benzene	6.15	78	245427	19.96	ug/l	99
41) Methacrylonitrile	5.07	41	50230	20.12	ug/l	99
42) 1,2-Dichloroethane	6.20	62	92570	20.15	ug/l	100
43) Isopropyl Acetate	6.47	43	145990	19.71	ug/l	100
44) Trichloroethene	7.22	130	76486	20.00	ug/l	95
45) 1,2-Dichloropropane	7.52	63	63746	20.36	ug/l	94
46) Dibromomethane	7.67	93	43911	20.11	ug/l	99
47) Bromodichloromethane	7.90	83	88255	20.03	ug/l	97
48) Methyl methacrylate	7.79	41	76358	19.89	ug/l	99
49) 1,4-Dioxane	7.76	88	31457	407.66	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	440595	101.26	ug/l	99
52) Toluene	8.79	92	162597	19.93	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	105473	19.96	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	101859	19.79	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	64665	19.97	ug/l	99
56) Ethyl methacrylate	9.19	69	99648	19.94	ug/l	99
57) 1,3-Dichloropropane	9.38	76	105342	20.46	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	176832	75.75	ug/l	100
59) 2-Hexanone	9.51	43	340551	101.38	ug/l	100
60) Dibromochloromethane	9.59	129	76494	19.74	ug/l	100
61) 1,2-Dibromoethane	9.68	107	68490	19.93	ug/l	99
64) Tetrachloroethene	9.34	164	76899	20.66	ug/l	100
65) Chlorobenzene	10.15	112	192979	20.16	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	71206	19.76	ug/l	100
67) Ethyl Benzene	10.26	91	318475	19.95	ug/l	100
68) m/p-Xylenes	10.37	106	252236	40.03	ug/l	99
69) o-Xylene	10.71	106	122723	20.21	ug/l	100
70) Styrene	10.72	104	202177	19.75	ug/l	99
71) Bromoform	10.87	173	63905	19.15	ug/l #	100
73) Isopropylbenzene	11.02	105	335854	20.48	ug/l	100
74) N-amyl acetate	6.47	43	145990	19.76	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	93948	19.74	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	90588m	20.32	ug/l	
77) Bromobenzene	11.26	156	93942	19.54	ug/l	99
78) n-propylbenzene	11.37	91	381311	20.32	ug/l	99
79) 2-Chlorotoluene	11.43	91	223775	20.18	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	284311	20.15	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	30012	18.51	ug/l	97
82) 4-Chlorotoluene	11.52	91	267830	20.01	ug/l	100
83) tert-Butylbenzene	11.77	119	293632	20.35	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	291740	20.03	ug/l	99
85) sec-Butylbenzene	11.95	105	348569	20.47	ug/l	99
86) p-Isopropyltoluene	12.07	119	325674	20.51	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	176520	19.84	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	182309	19.99	ug/l	99
89) n-Butylbenzene	12.40	91	290924	20.76	ug/l	100
90) Hexachloroethane	12.60	117	52280	19.46	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	171778	20.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21934	18.39	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	148982	20.33	ug/l	99
94) Hexachlorobutadiene	13.79	225	77667	21.55	ug/l	99
95) Naphthalene	13.84	128	377195	20.05	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	143131	20.11	ug/l	99

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

