

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001666.D
 Acq On : 12 May 2018 14:56
 Operator : JC/MD
 Sample : VX0512WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD01

Manual Integrations
 APPROVED

apatel
 5/15/2018 6:31:47 PM

Quant Time: May 14 06:53:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	301741	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	282002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197443	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	152816	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	
35) Dibromofluoromethane	5.51	113	126987	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
50) Toluene-d8	8.72	98	438353	44.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.48%	
62) 4-Bromofluorobenzene	11.14	95	163140	43.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	58160	18.35	ug/l	100
3) Chloromethane	1.32	50	56060	18.16	ug/l	100
4) Vinyl Chloride	1.40	62	61845	19.20	ug/l	97
5) Bromomethane	1.64	94	36209	22.67	ug/l	97
6) Chloroethane	1.72	64	42321	19.87	ug/l	100
7) Trichlorofluoromethane	1.93	101	94203	19.43	ug/l	99
8) Diethyl Ether	2.19	74	37343	19.65	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57572	20.25	ug/l	99
10) Methyl Iodide	2.51	142	55685	13.58	ug/l	99
11) Tert butyl alcohol	3.08	59	74287	104.11	ug/l	100
12) 1,1-Dichloroethene	2.37	96	51065	19.60	ug/l	98
13) Acrolein	2.29	56	9800	60.84	ug/l	99
14) Allyl chloride	2.73	41	98895	20.36	ug/l	97
15) Acrylonitrile	3.15	53	165507	102.65	ug/l	99
16) Acetone	2.45	43	174447	113.52	ug/l	100
17) Carbon Disulfide	2.57	76	112173	16.92	ug/l	100
18) Methyl Acetate	2.78	43	92228	22.84	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	185204	20.42	ug/l	96
20) Methylene Chloride	2.86	84	59823	19.66	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	54368	18.70	ug/l	94
22) Diisopropyl ether	3.88	45	187895	20.70	ug/l	96
23) Vinyl Acetate	3.83	43	758358	100.26	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100333	19.79	ug/l	99
25) 2-Butanone	4.71	43	233752	105.23	ug/l	99
26) 2,2-Dichloropropane	4.59	77	83785	21.40	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	62800	20.28	ug/l	99
28) Bromochloromethane	5.03	49	49302	22.43	ug/l	97
29) Tetrahydrofuran	5.17	42	138905	97.74	ug/l	99
30) Chloroform	5.22	83	111332	21.32	ug/l	99
31) Cyclohexane	5.58	56	82664	18.98	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	95758	20.98	ug/l	99
36) 1,1-Dichloropropene	5.81	75	73329	19.10	ug/l	99
37) Ethyl Acetate	4.87	43	84093	19.99	ug/l	99
38) Carbon Tetrachloride	5.79	117	84649	20.68	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85693	18.88	ug/l	98
40) Benzene	6.15	78	230730	20.58	ug/l	100
41) Methacrylonitrile	5.07	41	49025	20.37	ug/l	99
42) 1,2-Dichloroethane	6.20	62	90823	21.08	ug/l	99
43) Isopropyl Acetate	6.47	43	130985	20.28	ug/l	100
44) Trichloroethene	7.22	130	69863	20.39	ug/l	98
45) 1,2-Dichloropropane	7.53	63	58845	21.05	ug/l	100
46) Dibromomethane	7.67	93	40539	20.49	ug/l	98
47) Bromodichloromethane	7.90	83	77444	21.15	ug/l	99
48) Methyl methacrylate	7.79	41	69346	19.72	ug/l	99
49) 1,4-Dioxane	7.76	88	30256	398.19	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	450529	104.97	ug/l	99
52) Toluene	8.79	92	151155	20.62	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	87534	21.15	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	78484	19.78	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	63454	21.49	ug/l	98
56) Ethyl methacrylate	9.19	69	86571	20.34	ug/l	100
57) 1,3-Dichloropropane	9.38	76	101597	20.81	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	224108	107.33	ug/l	99
59) 2-Hexanone	9.51	43	336778	102.47	ug/l	99
60) Dibromochloromethane	9.59	129	62110	20.54	ug/l	99
61) 1,2-Dibromoethane	9.68	107	63243	20.40	ug/l	99
64) Tetrachloroethene	9.34	164	81598	20.76	ug/l	97
65) Chlorobenzene	10.14	112	170332	20.60	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	63273	21.39	ug/l	100
67) Ethyl Benzene	10.26	91	272392	20.09	ug/l	100
68) m/p-Xylenes	10.37	106	218836	40.86	ug/l	100
69) o-Xylene	10.71	106	107790	20.71	ug/l	100
70) Styrene	10.72	104	174298	20.61	ug/l	100
71) Bromoform	10.86	173	48930	19.54	ug/l	99
73) Isopropylbenzene	11.02	105	291771	21.35	ug/l	99
74) N-amyl acetate	6.47	43	130985	21.10	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	87483	21.67	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	84769m	21.17	ug/l	
77) Bromobenzene	11.26	156	82993	20.88	ug/l	98
78) n-propylbenzene	11.37	91	316466	21.26	ug/l	98
79) 2-Chlorotoluene	11.43	91	192504	21.02	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	239769	21.07	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	20856	19.47	ug/l	90
82) 4-Chlorotoluene	11.52	91	219673	20.79	ug/l	100
83) tert-Butylbenzene	11.77	119	237239	20.95	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	249671	21.35	ug/l	99
85) sec-Butylbenzene	11.95	105	289770	21.32	ug/l	100
86) p-Isopropyltoluene	12.07	119	264974	21.25	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	145474	20.48	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	148523	20.50	ug/l	99
89) n-Butylbenzene	12.40	91	206361	19.98	ug/l	99
90) Hexachloroethane	12.60	117	40036	21.33	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	150674	20.85	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18825	21.22	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	104944	19.84	ug/l	99
94) Hexachlorobutadiene	13.79	225	58392	20.18	ug/l	100
95) Naphthalene	13.84	128	304124	20.79	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	113867	20.98	ug/l	99

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

