

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001750.D
 Acq On : 15 May 2018 17:22
 Operator : JC/MD
 Sample : VX0515WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBSD03

Manual Integrations
 APPROVED

MMDadoda
 5/16/2018 11:54:16 AM

Quant Time: May 16 05:28:42 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	382494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	209306	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	212420	55.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.56%	
35) Dibromofluoromethane	5.51	113	175658	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
50) Toluene-d8	8.72	98	594801	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	11.15	95	208597	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57333	19.93	ug/l	100
3) Chloromethane	1.32	50	67612	21.76	ug/l	100
4) Vinyl Chloride	1.40	62	72018	21.43	ug/l	100
5) Bromomethane	1.64	94	35437	23.37	ug/l	99
6) Chloroethane	1.72	64	48503	22.92	ug/l	96
7) Trichlorofluoromethane	1.93	101	99436	20.37	ug/l	99
8) Diethyl Ether	2.19	74	45166	22.47	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56204	19.12	ug/l	99
10) Methyl Iodide	2.51	142	60489	22.37	ug/l	100
11) Tert butyl alcohol	3.09	59	90669	132.90	ug/l	100
12) 1,1-Dichloroethene	2.37	96	58341	20.59	ug/l	98
13) Acrolein	2.30	56	61914	127.96	ug/l	100
14) Allyl chloride	2.73	41	114880	21.93	ug/l	97
15) Acrylonitrile	3.15	53	205941	120.18	ug/l	99
16) Acetone	2.45	43	182358	120.82	ug/l	98
17) Carbon Disulfide	2.57	76	141834	19.19	ug/l	99
18) Methyl Acetate	2.78	43	113088	25.63	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	214653	22.48	ug/l	98
20) Methylene Chloride	2.86	84	70253	21.75	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	64480	20.66	ug/l	98
22) Diisopropyl ether	3.88	45	224313	22.33	ug/l	98
23) Vinyl Acetate	3.83	43	766517	105.88	ug/l	99
24) 1,1-Dichloroethane	3.70	63	121858	22.11	ug/l	99
25) 2-Butanone	4.73	43	287040	124.22	ug/l	97
26) 2,2-Dichloropropane	4.59	77	76996	17.36	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	73746	20.76	ug/l	97
28) Bromochloromethane	5.03	49	60254	24.62	ug/l	98
29) Tetrahydrofuran	5.18	42	181763	120.68	ug/l	99
30) Chloroform	5.22	83	127339	22.00	ug/l	97
31) Cyclohexane	5.57	56	89015	18.43	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	107505	21.49	ug/l	99
36) 1,1-Dichloropropene	5.80	75	83678	19.00	ug/l	100
37) Ethyl Acetate	4.88	43	106581	23.23	ug/l	99
38) Carbon Tetrachloride	5.79	117	93411	20.25	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91006	17.69	ug/l	99
40) Benzene	6.15	78	272636	21.02	ug/l	98
41) Methacrylonitrile	5.07	41	58830	22.17	ug/l	99
42) 1,2-Dichloroethane	6.21	62	103459	22.05	ug/l	99
43) Isopropyl Acetate	6.48	43	157694	21.96	ug/l	100
44) Trichloroethene	7.22	130	81090	20.14	ug/l	98
45) 1,2-Dichloropropane	7.52	63	68685	21.58	ug/l	100
46) Dibromomethane	7.67	93	48399	21.65	ug/l	99
47) Bromodichloromethane	7.91	83	89491	21.58	ug/l	100
48) Methyl methacrylate	7.79	41	84184	22.27	ug/l	99
49) 1,4-Dioxane	7.77	88	39522	542.99	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	527073	115.81	ug/l	100
52) Toluene	8.79	92	166306	19.95	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	95110	19.49	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	83619	19.44	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	70743	22.20	ug/l	97
56) Ethyl methacrylate	9.19	69	97505	21.58	ug/l	99
57) 1,3-Dichloropropane	9.38	76	115397	21.63	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	259711	111.73	ug/l	99
59) 2-Hexanone	9.51	43	403427	123.82	ug/l	99
60) Dibromochloromethane	9.59	129	71382	21.88	ug/l	99
61) 1,2-Dibromoethane	9.68	107	74570	22.35	ug/l	98
64) Tetrachloroethene	9.34	164	87831	19.86	ug/l	97
65) Chlorobenzene	10.15	112	187096	20.03	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	71255	21.59	ug/l	98
67) Ethyl Benzene	10.26	91	292505	19.59	ug/l	100
68) m/p-Xylenes	10.37	106	233987	39.72	ug/l	99
69) o-Xylene	10.71	106	115100	20.40	ug/l	99
70) Styrene	10.72	104	190844	20.51	ug/l	100
71) Bromoform	10.87	173	56089	20.12	ug/l #	98
73) Isopropylbenzene	11.02	105	299119	21.70	ug/l	100
74) N-amyl acetate	6.48	43	157694	23.86	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	99451	24.05	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	96582m	24.27	ug/l	
77) Bromobenzene	11.26	156	90096	22.24	ug/l	100
78) n-propylbenzene	11.37	91	318216	20.49	ug/l	100
79) 2-Chlorotoluene	11.43	91	202924	21.85	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	248225	21.95	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	22657	19.15	ug/l	93
82) 4-Chlorotoluene	11.52	91	229808	21.00	ug/l	99
83) tert-Butylbenzene	11.77	119	244215	21.70	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	259335	22.15	ug/l	100
85) sec-Butylbenzene	11.95	105	285589	20.56	ug/l	100
86) p-Isopropyltoluene	12.07	119	262395	20.41	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	153202	20.45	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	156608	20.22	ug/l	99
89) n-Butylbenzene	12.40	91	200168	18.01	ug/l	99
90) Hexachloroethane	12.60	117	41237	20.66	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	161457	21.63	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21984	24.91	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	111013	18.66	ug/l	99
94) Hexachlorobutadiene	13.79	225	58327	18.26	ug/l	100
95) Naphthalene	13.84	128	341016	22.05	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	119344	19.92	ug/l	100

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

