

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021518\
 Data File : VX000099.D
 Acq On : 15 Feb 2018 16:01
 Operator : JC/MD
 Sample : MDL07 0.75PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 MDL09 0.75PPB

Quant Time: Feb 16 12:14:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	100998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	174087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	161445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	85283	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	67480	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
35) Dibromofluoromethane	5.52	113	52488	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
50) Toluene-d8	8.73	98	208324	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
62) 4-Bromofluorobenzene	11.15	95	76386	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	812	0.78	ug/l	93
3) Chloromethane	1.32	50	849	0.83	ug/l	96
4) Vinyl Chloride	1.41	62	931	0.82	ug/l	90
5) Bromomethane	1.65	94	929	Below Cal		96
6) Chloroethane	1.73	64	1288	1.69	ug/l	93
7) Trichlorofluoromethane	1.93	101	1591	0.78	ug/l	94
8) Diethyl Ether	2.20	74	570	0.81	ug/l #	50
9) 1,1,2-Trichlorotrifluoroet	2.39	101	939	0.83	ug/l	95
10) Methyl Iodide	2.52	142	736	0.59	ug/l #	94
11) Tert butyl alcohol	3.07	59	1971	4.06	ug/l #	86
12) 1,1-Dichloroethene	2.38	96	870	0.82	ug/l	97
13) Acrolein	2.28	56	50	0.22	ug/l #	1
14) Allyl chloride	2.74	41	1978	1.12	ug/l #	93
15) Acrylonitrile	3.15	53	3592	4.33	ug/l	96
16) Acetone	2.45	43	3989	4.88	ug/l	90
17) Carbon Disulfide	2.57	76	2532	0.81	ug/l #	87
18) Methyl Acetate	2.79	43	1664	0.87	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	2981	0.82	ug/l #	89
20) Methylene Chloride	2.86	84	1253	Below Cal		96
21) trans-1,2-Dichloroethene	3.17	96	1013	0.88	ug/l	92
22) Diisopropyl ether	3.88	45	2867	0.93	ug/l #	90
23) Vinyl Acetate	3.83	43	12055	4.19	ug/l	96
24) 1,1-Dichloroethane	3.70	63	1816	0.99	ug/l #	82
25) 2-Butanone	4.73	43	4464	3.91	ug/l	96
26) 2,2-Dichloropropane	4.59	77	1256	0.79	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	810	0.74	ug/l	91
28) Bromochloromethane	5.03	49	642	0.78	ug/l #	96
29) Tetrahydrofuran	5.18	42	1545	2.08	ug/l #	31
30) Chloroform	5.22	83	1465	0.76	ug/l	93
31) Cyclohexane	5.58	56	1557	0.99	ug/l #	77
32) 1,1,1-Trichloroethane	5.50	97	1349	0.76	ug/l #	49
36) 1,1-Dichloropropene	5.81	75	1334	0.85	ug/l #	61
37) Ethyl Acetate	4.88	43	1750	0.82	ug/l #	78
38) Carbon Tetrachloride	5.80	117	1259	0.75	ug/l #	82

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39) Methylcyclohexane	7.48	83	1451	0.77	ug/l #	63
40) Benzene	6.15	78	3443	0.77	ug/l #	89
41) Methacrylonitrile	5.07	41	967	0.42	ug/l #	40
42) 1,2-Dichloroethane	6.21	62	1271	0.78	ug/l	92
43) Isopropyl Acetate	6.48	43	2409	0.78	ug/l #	93
44) Trichloroethene	7.23	130	987	0.75	ug/l	89
45) 1,2-Dichloropropane	7.52	63	826	0.76	ug/l	96
46) Dibromomethane	7.67	93	634	0.74	ug/l	94
47) Bromodichloromethane	7.91	83	995	0.63	ug/l #	72
48) Methyl methacrylate	7.79	41	1161	0.77	ug/l #	89
49) 1,4-Dioxane	7.77	88	540	13.57	ug/l #	82
51) 4-Methyl-2-Pentanone	8.66	43	7951	3.51	ug/l	94
52) Toluene	8.79	92	2123	0.71	ug/l	94
53) t-1,3-Dichloropropene	8.45	75	1307	0.70	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	1264	0.69	ug/l	89
55) 1,1,2-Trichloroethane	9.23	97	867	0.70	ug/l #	74
56) Ethyl methacrylate	9.20	69	1223	0.65	ug/l #	81
57) 1,3-Dichloropropane	9.38	76	1317	0.67	ug/l	92
59) 2-Hexanone	9.51	43	6374	3.33	ug/l	98
60) Dibromochloromethane	9.59	129	852	0.61	ug/l	95
61) 1,2-Dibromoethane	9.68	107	983	0.72	ug/l	99
64) Tetrachloroethene	9.34	164	860	0.73	ug/l	95
65) Chlorobenzene	10.15	112	2678	0.79	ug/l	89
66) 1,1,1,2-Tetrachloroethane	10.23	131	853	0.72	ug/l #	63
67) Ethyl Benzene	10.26	91	4225	0.74	ug/l	96
68) m/p-Xylenes	10.37	106	3227	1.42	ug/l	95
69) o-Xylene	10.71	106	1532	0.70	ug/l	89
70) Styrene	10.72	104	2399	0.67	ug/l	91
71) Bromoform	10.87	173	669	0.62	ug/l #	95
73) Isopropylbenzene	11.02	105	4306	0.80	ug/l	99
74) N-amyl acetate	6.48	43	2409	0.88	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.28	83	1378	0.73	ug/l	91
76) 1,2,3-Trichloropropane	11.31	75	1700	0.96	ug/l	85
77) Bromobenzene	11.27	156	1105	0.75	ug/l	89
78) n-propylbenzene	11.37	91	5183	0.81	ug/l	98
79) 2-Chlorotoluene	11.43	91	2878	0.79	ug/l	93
80) 1,3,5-Trimethylbenzene	11.52	105	3599	0.79	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.15	75	40769	65.73	ug/l #	12
82) 4-Chlorotoluene	11.52	91	3657	0.83	ug/l	95
83) tert-Butylbenzene	11.78	119	3491	0.76	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	3354	0.71	ug/l	100
85) sec-Butylbenzene	11.96	105	4446	0.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	3654	0.71	ug/l	86
87) 1,3-Dichlorobenzene	12.04	146	2196	0.78	ug/l	96
88) 1,4-Dichlorobenzene	12.04	146	2196	0.76	ug/l	96
89) n-Butylbenzene	12.40	91	3999	0.83	ug/l	95
90) Hexachloroethane	12.60	117	537	0.64	ug/l	83
91) 1,2-Dichlorobenzene	12.40	146	2237	0.81	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.01	75	324	0.62	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	1729	0.83	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	674	0.74	ug/l	92
95) Naphthalene	13.85	128	4829	0.69	ug/l	97
96) 1,2,3-Trichlorobenzene	14.03	180	1363	0.67	ug/l	91

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

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