

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012219\
 Data File : VV009238.D
 Acq On : 22 Jan 2019 16:41
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.00 G/5ML/MSVOA V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 1/24/2019 11:44:28 AM

Quant Time: Jan 23 01:54:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 23 01:31:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	85039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	147102	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	131913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	63040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.07	65	49486	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
35) Dibromofluoromethane	4.64	113	43064	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
50) Toluene-d8	7.36	98	168261	45.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.32%	
62) 4-Bromofluorobenzene	10.12	95	60364	43.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.14	85	1328	1.931	ug/l	95
3) Chloromethane	1.25	50	2421	2.615	ug/l	97
4) Vinyl Chloride	1.32	62	2396	2.278	ug/l	98
5) Bromomethane	1.53	94	1702	2.853	ug/l	91
6) Chloroethane	1.60	64	1282	2.180	ug/l	100
7) Trichlorofluoromethane	1.76	101	1243	1.684	ug/l	97
8) Diethyl Ether	1.96	74	1034	2.227	ug/l	51
9) 1,1,2-Trichlorotrifluoroet	2.14	101	1937	2.111	ug/l #	79
10) Methyl Iodide	2.25	142	3128	2.136	ug/l #	95
11) Tert butyl alcohol	2.65	59	2071	27.317	ug/l #	72
12) 1,1-Dichloroethene	2.13	96	1902	2.112	ug/l	90
13) Acrolein	2.06	56	686	11.518	ug/l	93
14) Allyl chloride	2.42	41	3364	2.167	ug/l	98
15) Acrylonitrile	2.76	53	2119	10.535	ug/l	97
16) Acetone	2.18	43	4681	16.636	ug/l	97
17) Carbon Disulfide	2.31	76	5933	2.153	ug/l #	94
18) Methyl Acetate	2.45	43	1844	2.454	ug/l	91
19) Methyl tert-butyl Ether	2.80	73	2765	1.978	ug/l	96
20) Methylene Chloride	2.53	84	5338	5.092	ug/l	88
21) trans-1,2-Dichloroethene	2.78	96	2045	2.107	ug/l	95
22) Diisopropyl ether	3.33	45	6803	2.058	ug/l	92
23) Vinyl Acetate	3.30	43	17695	9.866	ug/l	97
24) 1,1-Dichloroethane	3.22	63	4321	2.101	ug/l #	97
25) 2-Butanone	4.03	43	3436	10.679	ug/l	90
26) 2,2-Dichloropropane	3.94	77	2083m	1.800	ug/l	
27) cis-1,2-Dichloroethene	3.95	96	2491	2.124	ug/l	96
28) Bromochloromethane	4.28	49	1672	2.203	ug/l #	98
29) Tetrahydrofuran	4.39	42	1821	10.406	ug/l	91
30) Chloroform	4.42	83	4326	2.094	ug/l	90
31) Cyclohexane	4.72	56	5692	3.032	ug/l #	62
32) 1,1,1-Trichloroethane	4.65	97	3450	1.982	ug/l	99
36) 1,1-Dichloropropene	4.87	75	3717	2.276	ug/l	93
37) Ethyl Acetate	4.13	43	1352m	2.154	ug/l	
38) Carbon Tetrachloride	4.87	117	3266	1.997	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	4333	2.240	ug/l	98
40) Benzene	5.14	78	9469	2.073	ug/l	98
41) Methacrylonitrile	4.32	41	610	1.613	ug/l #	68
42) 1,2-Dichloroethane	5.17	62	2975	2.081	ug/l	90
43) Isopropyl Acetate	5.32	43	2225	1.802	ug/l #	81
44) Trichloroethene	5.95	130	2574	2.141	ug/l	83
45) 1,2-Dichloropropane	6.22	63	2154	1.960	ug/l	94
46) Dibromomethane	6.35	93	1140	2.022	ug/l	97
47) Bromodichloromethane	6.55	83	2979	2.000	ug/l	94
48) Methyl methacrylate	6.42	41	1148	1.822	ug/l	97
49) 1,4-Dioxane	6.42	88	161	22.418	ug/l #	59
51) 4-Methyl-2-Pentanone	7.27	43	6382	10.186	ug/l	96
52) Toluene	7.43	92	6222	2.153	ug/l	100
53) t-1,3-Dichloropropene	7.69	75	2831	1.952	ug/l #	83
54) cis-1,3-Dichloropropene	7.07	75	3214	1.925	ug/l	99
55) 1,1,2-Trichloroethane	7.87	97	1605	2.020	ug/l #	88
56) Ethyl methacrylate	7.83	69	1466	1.584	ug/l	91
57) 1,3-Dichloropropane	8.05	76	2855	1.985	ug/l	98
59) 2-Hexanone	8.19	43	4423	9.760	ug/l	90
60) Dibromochloromethane	8.29	129	1632	1.755	ug/l	100
61) 1,2-Dibromoethane	8.39	107	1468	1.890	ug/l	93
64) Tetrachloroethene	8.02	164	2085	2.221	ug/l	92
65) Chlorobenzene	8.92	112	6643	2.165	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.02	131	2116	2.017	ug/l	87
67) Ethyl Benzene	9.05	91	11297	2.066	ug/l	100
68) m/p-Xylenes	9.18	106	8552	4.120	ug/l	98
69) o-Xylene	9.59	106	3775	1.962	ug/l	93
70) Styrene	9.60	104	5926	1.930	ug/l	99
71) Bromoform	9.77	173	849	1.717	ug/l #	99
73) Isopropylbenzene	9.98	105	10796	2.074	ug/l	98
74) N-amyl acetate	9.84	43	1779	1.848	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	10.29	83	1677	1.911	ug/l #	97
76) 1,2,3-Trichloropropane	10.32	75	1429	2.070	ug/l #	49
77) Bromobenzene	10.26	156	2607	2.341	ug/l	90
78) n-propylbenzene	10.40	91	14090	2.283	ug/l	99
79) 2-Chlorotoluene	10.47	91	8708	2.339	ug/l	98
80) 1,3,5-Trimethylbenzene	10.59	105	9232	2.115	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.05	75	383m	1.570	ug/l	
82) 4-Chlorotoluene	10.59	91	9881	2.253	ug/l	99
83) tert-Butylbenzene	10.91	119	8667	2.085	ug/l	95
84) 1,2,4-Trimethylbenzene	10.96	105	9386	2.131	ug/l	99
85) sec-Butylbenzene	11.13	105	12195	2.240	ug/l	100
86) p-Isopropyltoluene	11.29	119	10696	2.244	ug/l	97
87) 1,3-Dichlorobenzene	11.23	146	5537	2.395	ug/l	98
88) 1,4-Dichlorobenzene	11.32	146	5907	2.527	ug/l	86
89) n-Butylbenzene	11.70	91	10943	2.365	ug/l	98
90) Hexachloroethane	11.95	117	1725	2.035	ug/l	96
91) 1,2-Dichlorobenzene	11.69	146	4996	2.448	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.48	75	293	1.989	ug/l	74
93) 1,2,4-Trichlorobenzene	13.31	180	3741	2.848	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.50	225	2396	2.943	ug/l	96
95) Naphthalene	13.56	128	6502	2.862	ug/l	96
96) 1,2,3-Trichlorobenzene	13.79	180	3331	2.994	ug/l	99

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

