

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012419\
 Data File : VV009262.D
 Acq On : 24 Jan 2019 16:34
 Operator : SY/MD
 Sample : MDL06
 Misc : 5.00G/5ML/MSVOA V/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

MMDadoda
 1/25/2019 10:01:42 AM

Quant Time: Jan 24 23:51:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 24 23:18:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	72700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	120809	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	113641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	55347	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.07	65	48579	54.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.76%	
35) Dibromofluoromethane	4.64	113	42541	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
50) Toluene-d8	7.36	98	162354	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
62) 4-Bromofluorobenzene	10.12	95	59688	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.15	85	1451m	2.388	ug/l
3) Chloromethane	1.24	50	2195	2.658	ug/l
4) Vinyl Chloride	1.32	62	2080	2.486	ug/l
5) Bromomethane	1.53	94	1530	3.232	ug/l
6) Chloroethane	1.60	64	1202	2.739	ug/l
7) Trichlorofluoromethane	1.76	101	1092	2.763	ug/l
8) Diethyl Ether	1.96	74	1032	2.622	ug/l
9) 1,1,2-Trichlorotrifluoroet	2.13	101	1975	2.807	ug/l #
10) Methyl Iodide	2.26	142	3009	2.595	ug/l #
11) Tert butyl alcohol	2.65	59	4926	55.209	ug/l #
12) 1,1-Dichloroethene	2.13	96	1856	2.538	ug/l
13) Acrolein	2.06	56	554	13.095	ug/l
14) Allyl chloride	2.42	41	2871	2.629	ug/l
15) Acrylonitrile	2.76	53	2501	13.569	ug/l
16) Acetone	2.18	43	4203	19.199	ug/l
17) Carbon Disulfide	2.31	76	5096	2.482	ug/l
18) Methyl Acetate	2.45	43	2536	4.178	ug/l #
19) Methyl tert-butyl Ether	2.80	73	3177	2.776	ug/l
20) Methylene Chloride	2.53	84	3539	4.304	ug/l #
21) trans-1,2-Dichloroethene	2.78	96	2032	2.684	ug/l
22) Diisopropyl ether	3.33	45	7292	2.793	ug/l
23) Vinyl Acetate	3.30	43	17503	10.876	ug/l
24) 1,1-Dichloroethane	3.22	63	3488	2.164	ug/l #
25) 2-Butanone	4.03	43	3956	12.451	ug/l
26) 2,2-Dichloropropane	3.94	77	1616	1.977	ug/l
27) cis-1,2-Dichloroethene	3.95	96	2680	2.791	ug/l
28) Bromochloromethane	4.29	49	1392	2.152	ug/l #
29) Tetrahydrofuran	4.39	42	2596	14.335	ug/l
30) Chloroform	4.42	83	4228	2.610	ug/l
31) Cyclohexane	4.72	56	5348	3.598	ug/l #
32) 1,1,1-Trichloroethane	4.65	97	3203	2.543	ug/l
36) 1,1-Dichloropropene	4.87	75	3692	3.052	ug/l
37) Ethyl Acetate	4.14	43	1131m	4.872	ug/l
38) Carbon Tetrachloride	4.87	117	2913	2.435	ug/l

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012419\
 Data File : VV009262.D
 Acq On : 24 Jan 2019 16:34
 Operator : SY/MD
 Sample : MDL06
 Misc : 5.00G/5ML/MSVOA V/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

MMDadoda
 1/25/2019 10:01:42 AM

Quant Time: Jan 24 23:51:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 24 23:18:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	4069	2.684	ug/l	88
40) Benzene	5.14	78	9881	2.773	ug/l	100
41) Methacrylonitrile	4.32	41	837	2.375	ug/l #	88
42) 1,2-Dichloroethane	5.17	62	3045	2.748	ug/l	78
43) Isopropyl Acetate	5.33	43	3023	2.580	ug/l #	90
44) Trichloroethene	5.96	130	2660	2.797	ug/l	93
45) 1,2-Dichloropropane	6.22	63	2350	2.679	ug/l	98
46) Dibromomethane	6.35	93	1166	2.372	ug/l #	86
47) Bromodichloromethane	6.55	83	2928	2.533	ug/l	99
48) Methyl methacrylate	6.42	41	1340	2.305	ug/l	94
49) 1,4-Dioxane	6.43	88	331	42.919	ug/l	97
51) 4-Methyl-2-Pentanone	7.28	43	7778	12.612	ug/l	99
52) Toluene	7.43	92	6207	2.758	ug/l	99
53) t-1,3-Dichloropropene	7.69	75	2450	2.096	ug/l	94
54) cis-1,3-Dichloropropene	7.07	75	2955	2.228	ug/l #	88
55) 1,1,2-Trichloroethane	7.88	97	1876	2.737	ug/l	95
56) Ethyl methacrylate	7.84	69	1955	2.361	ug/l	94
57) 1,3-Dichloropropane	8.05	76	3224	2.640	ug/l	97
59) 2-Hexanone	8.19	43	5166	11.652	ug/l	92
60) Dibromochloromethane	8.29	129	1759	2.245	ug/l	100
61) 1,2-Dibromoethane	8.40	107	1777	2.581	ug/l	99
64) Tetrachloroethene	8.02	164	2220	2.833	ug/l	90
65) Chlorobenzene	8.92	112	6838	2.668	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.02	131	2216	2.590	ug/l	94
67) Ethyl Benzene	9.05	91	11451	2.634	ug/l	99
68) m/p-Xylenes	9.18	106	8398	5.035	ug/l	99
69) o-Xylene	9.59	106	3781	2.426	ug/l	97
70) Styrene	9.60	104	5759	2.269	ug/l	94
71) Bromoform	9.77	173	1000	2.168	ug/l #	100
73) Isopropylbenzene	9.97	105	10804	2.629	ug/l	100
74) N-amyl acetate	9.84	43	1994	2.073	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	10.29	83	2229	2.637	ug/l	98
76) 1,2,3-Trichloropropane	10.32	75	1954	2.991	ug/l #	49
77) Bromobenzene	10.26	156	2737	2.854	ug/l	96
78) n-propylbenzene	10.40	91	13896	2.858	ug/l	97
79) 2-Chlorotoluene	10.47	91	8815	3.008	ug/l	97
80) 1,3,5-Trimethylbenzene	10.59	105	9014	2.607	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.05	75	473m	2.057	ug/l	
82) 4-Chlorotoluene	10.59	91	9876	2.842	ug/l	96
83) tert-Butylbenzene	10.91	119	8718	2.612	ug/l	97
84) 1,2,4-Trimethylbenzene	10.96	105	9378	2.642	ug/l	96
85) sec-Butylbenzene	11.14	105	11477	2.638	ug/l	98
86) p-Isopropyltoluene	11.29	119	10746	2.799	ug/l	96
87) 1,3-Dichlorobenzene	11.23	146	5857	3.016	ug/l	98
88) 1,4-Dichlorobenzene	11.32	146	6343	3.200	ug/l	93
89) n-Butylbenzene	11.70	91	10311	2.774	ug/l	98
90) Hexachloroethane	11.95	117	1614	2.377	ug/l	94
91) 1,2-Dichlorobenzene	11.69	146	5212	2.991	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.48	75	383	2.714	ug/l	72
93) 1,2,4-Trichlorobenzene	13.31	180	3944	3.230	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012419\
Data File : VV009262.D
Acq On : 24 Jan 2019 16:34
Operator : SY/MD
Sample : MDL06
Misc : 5.00G/5ML/MSVOA V/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
1/25/2019 10:01:42 AM

Quant Time: Jan 24 23:51:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012419S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 24 23:18:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.50	225	2238	3.206	ug/l	97
95) Naphthalene	13.56	128	6514	2.663	ug/l	97
96) 1,2,3-Trichlorobenzene	13.80	180	3564	3.309	ug/l	99

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

