

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091319\
 Data File : VY000038.D
 Acq On : 13 Sep 2019 11:39
 Operator : SY/MD
 Sample : MDL2
 Misc : 5.00µl/5.00ml/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL2

Quant Time: Sep 19 12:11:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 11:58:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	123340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	239803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	207860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	88212	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	66536	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
35) Dibromofluoromethane	7.72	113	66694	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	
50) Toluene-d8	10.18	98	278068	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.48	95	96465	47.91	ug/l	0.00
Spiked Amount			Recovery	=	95.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	4021	4.421	ug/l	100
3) Chloromethane	2.11	50	9541	6.065	ug/l	97
4) Vinyl Chloride	2.25	62	5972	4.330	ug/l	97
5) Bromomethane	2.63	94	4551	5.191	ug/l	93
6) Chloroethane	2.78	64	3761	4.096	ug/l	98
7) Trichlorofluoromethane	3.12	101	7936	4.428	ug/l	97
8) Diethyl Ether	3.53	74	2952	4.008	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	4698	3.852	ug/l	94
10) Methyl Iodide	4.09	142	3721	2.790	ug/l #	93
11) Tert butyl alcohol	4.98	59	3221m	19.069	ug/l	
12) 1,1-Dichloroethene	3.87	96	4346	3.824	ug/l #	80
13) Acrolein	3.73	56	2691	21.236	ug/l	93
14) Allyl chloride	4.48	41	8180	4.635	ug/l	91
15) Acrylonitrile	5.17	53	8419	18.016	ug/l	97
16) Acetone	3.96	43	6228	16.905	ug/l	91
17) Carbon Disulfide	4.18	76	10980	4.797	ug/l	99
18) Methyl Acetate	4.48	43	4099	3.954	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	12324	3.580	ug/l	96
20) Methylene Chloride	4.71	84	7426	5.056	ug/l #	93
21) trans-1,2-Dichloroethene	5.21	96	5362	4.260	ug/l #	91
22) Diisopropyl ether	6.12	45	13499	3.465	ug/l #	92
23) Vinyl Acetate	6.06	43	47138	17.490	ug/l	94
24) 1,1-Dichloroethane	6.02	63	9091	3.938	ug/l #	94
25) 2-Butanone	6.99	43	11958	19.970	ug/l #	87
26) 2,2-Dichloropropane	6.99	77	9598	4.475	ug/l	95
27) cis-1,2-Dichloroethene	6.99	96	5981	3.767	ug/l	82
28) Bromochloromethane	7.33	49	3587	3.383	ug/l #	94
29) Tetrahydrofuran	7.36	42	6214	17.445	ug/l	91
30) Chloroform	7.51	83	9847	4.136	ug/l	95
31) Cyclohexane	7.78	56	10638	5.529	ug/l #	90
32) 1,1,1-Trichloroethane	7.70	97	7643	3.913	ug/l	95
36) 1,1-Dichloropropene	7.92	75	6629	3.765	ug/l	92
37) Ethyl Acetate	7.09	43	3348	2.820	ug/l #	87
38) Carbon Tetrachloride	7.90	117	6219	3.742	ug/l #	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091319\
 Data File : VY000038.D
 Acq On : 13 Sep 2019 11:39
 Operator : SY/MD
 Sample : MDL2
 Misc : 5.00µl/5.00ml/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL2

Quant Time: Sep 19 12:11:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 11:58:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	8998	4.136	ug/l	98
40) Benzene	8.16	78	21681	3.782	ug/l	98
41) Methacrylonitrile	7.32	41	2292m	3.318	ug/l	
42) 1,2-Dichloroethane	8.24	62	5789	3.952	ug/l	95
43) Isopropyl Acetate	8.28	43	7571	3.291	ug/l	96
44) Trichloroethene	8.93	130	5015	3.504	ug/l	88
45) 1,2-Dichloropropane	9.22	63	5426	3.671	ug/l	98
46) Dibromomethane	9.31	93	2590	3.157	ug/l	87
47) Bromodichloromethane	9.49	83	6741	3.442	ug/l	94
48) Methyl methacrylate	9.29	41	3876	3.818	ug/l	95
49) 1,4-Dioxane	9.31	88	1233	71.773	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	21675	16.813	ug/l	96
52) Toluene	10.24	92	13742	3.815	ug/l	96
53) t-1,3-Dichloropropene	10.46	75	7086	3.442	ug/l #	83
54) cis-1,3-Dichloropropene	9.93	75	8193	3.420	ug/l #	91
55) 1,1,2-Trichloroethane	10.64	97	3930	3.023	ug/l	89
56) Ethyl methacrylate	10.51	69	6543	3.586	ug/l	94
57) 1,3-Dichloropropane	10.79	76	7622	3.666	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	15777	15.787	ug/l	97
59) 2-Hexanone	10.83	43	14769	15.897	ug/l	100
60) Dibromochloromethane	10.99	129	4488	3.277	ug/l	98
61) 1,2-Dibromoethane	11.09	107	3874	3.374	ug/l	96
64) Tetrachloroethene	10.72	164	5043	3.956	ug/l #	78
65) Chlorobenzene	11.51	112	13664	3.450	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.59	131	4651	3.389	ug/l	95
67) Ethyl Benzene	11.59	91	25693	3.571	ug/l	95
68) m/p-Xylenes	11.70	106	19016	7.003	ug/l	99
69) o-Xylene	12.02	106	9675	3.636	ug/l	96
70) Styrene	12.04	104	15177	3.278	ug/l	98
71) Bromoform	12.20	173	2383	2.876	ug/l #	98
73) Isopropylbenzene	12.32	105	24464	3.630	ug/l	100
74) N-amyl acetate	12.14	43	6323	3.178	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.57	83	5570	3.456	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	4245m	3.465	ug/l	
77) Bromobenzene	12.60	156	5166	3.623	ug/l	97
78) n-propylbenzene	12.66	91	29859	3.625	ug/l	100
79) 2-Chlorotoluene	12.75	91	16710	3.628	ug/l	99
80) 1,3,5-Trimethylbenzene	12.80	105	19881	3.533	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	2097	3.395	ug/l #	84
82) 4-Chlorotoluene	12.85	91	17310	3.581	ug/l	98
83) tert-Butylbenzene	13.07	119	17259	3.569	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	20109	3.617	ug/l	100
85) sec-Butylbenzene	13.25	105	26844	3.762	ug/l	99
86) p-Isopropyltoluene	13.36	119	20713	3.422	ug/l	95
87) 1,3-Dichlorobenzene	13.36	146	9938	3.463	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	10641	3.685	ug/l	92
89) n-Butylbenzene	13.69	91	21161	3.449	ug/l	99
90) Hexachloroethane	13.95	117	4060	3.356	ug/l	82
91) 1,2-Dichlorobenzene	13.74	146	9475	3.548	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.35	75	1105	3.526	ug/l	83

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY091319\
Data File : VY000038.D
Acq On : 13 Sep 2019 11:39
Operator : SY/MD
Sample : MDL2
Misc : 5.00µl/5.00ml/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MDL2

Quant Time: Sep 19 12:11:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 11:58:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	5076	2.979	ug/l	92
94) Hexachlorobutadiene	15.10	225	2795	3.576	ug/l	97
95) Naphthalene	15.23	128	15839	3.398	ug/l	99
96) 1,2,3-Trichlorobenzene	15.41	180	5477	3.581	ug/l	91

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

