

Data File : VX011908.D
Acq On : 30 Aug 2019 14:34
Operator : SY/SP
Sample : MDL05
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Quant Time: Aug 31 12:13:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 11:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	398400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	528349	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	482173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	276226	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	167368	43.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.70%	
35) Dibromofluoromethane	5.48	113	158120	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
50) Toluene-d8	8.71	98	589419	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	11.14	95	234854	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	6346	2.639	ug/l	94
3) Chloromethane	1.31	50	5751	2.063	ug/l	98
4) Vinyl Chloride	1.39	62	5477	2.058	ug/l	99
5) Bromomethane	1.63	94	5191	2.819	ug/l	94
6) Chloroethane	1.72	64	3858	2.329	ug/l	91
7) Trichlorofluoromethane	1.92	101	10251	2.218	ug/l	98
8) Diethyl Ether	2.17	74	3539	2.228	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	6627	2.200	ug/l	99
10) Methyl Iodide	2.50	142	4261	1.519	ug/l #	94
11) Tert butyl alcohol	3.03	59	4435	12.077	ug/l	97
12) 1,1-Dichloroethene	2.36	96	6205	2.218	ug/l	92
13) Acrolein	2.28	56	1884	10.308	ug/l #	53
14) Allyl chloride	2.72	41	9994	1.904	ug/l	95
15) Acrylonitrile	3.13	53	8246	9.450	ug/l	98
16) Acetone	2.43	43	10530	12.822	ug/l	98
17) Carbon Disulfide	2.56	76	16254	2.025	ug/l	99
18) Methyl Acetate	2.76	43	4432	1.949	ug/l #	79
19) Methyl tert-butyl Ether	3.18	73	16629	1.834	ug/l	94
20) Methylene Chloride	2.84	84	15117	3.709	ug/l #	91
21) trans-1,2-Dichloroethene	3.16	96	7051	2.139	ug/l	98
22) Diisopropyl ether	3.84	45	20417	1.905	ug/l #	79
23) Vinyl Acetate	3.80	43	60327	8.757	ug/l	98
24) 1,1-Dichloroethane	3.69	63	11589	1.961	ug/l	98
25) 2-Butanone	4.67	43	11388	9.521	ug/l	97
26) 2,2-Dichloropropane	4.57	77	11572	2.335	ug/l	89
27) cis-1,2-Dichloroethene	4.58	96	8630	2.223	ug/l	91
28) Bromochloromethane	5.01	49	5578	2.104	ug/l	99
29) Tetrahydrofuran	5.12	42	6781	9.083	ug/l	97
30) Chloroform	5.20	83	14437	2.285	ug/l	98
31) Cyclohexane	5.56	56	10217	2.144	ug/l	90
32) 1,1,1-Trichloroethane	5.48	97	12219	2.177	ug/l	99
36) 1,1-Dichloropropene	5.79	75	8829	2.109	ug/l	94
37) Ethyl Acetate	4.83	43	4945	1.996	ug/l #	87
38) Carbon Tetrachloride	5.77	117	11039	2.274	ug/l	95

Data File : VX011908.D
Acq On : 30 Aug 2019 14:34
Operator : SY/SP
Sample : MDL05
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Quant Time: Aug 31 12:13:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 11:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	11362	2.279	ug/l	97
40) Benzene	6.13	78	24831	1.987	ug/l	98
41) Methacrylonitrile	5.03	41	2628	1.801	ug/l #	81
42) 1,2-Dichloroethane	6.19	62	9169	2.158	ug/l	90
43) Isopropyl Acetate	6.44	43	10052	2.001	ug/l	95
44) Trichloroethene	7.20	130	8103	2.096	ug/l	91
45) 1,2-Dichloropropane	7.50	63	6372	1.950	ug/l #	88
46) Dibromomethane	7.65	93	4116	2.122	ug/l	89
47) Bromodichloromethane	7.89	83	10091	2.098	ug/l	97
48) Methyl methacrylate	7.76	41	4875	1.994	ug/l	94
49) 1,4-Dioxane	7.74	88	1410	41.950	ug/l #	75
51) 4-Methyl-2-Pentanone	8.64	43	24265	9.508	ug/l	98
52) Toluene	8.78	92	17630	2.133	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	9564	1.941	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	10739	1.942	ug/l	90
55) 1,1,2-Trichloroethane	9.21	97	5775	2.034	ug/l	95
56) Ethyl methacrylate	9.18	69	6989	1.773	ug/l	96
57) 1,3-Dichloropropane	9.37	76	9182	1.948	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.31	63	21173	11.280	ug/l	98
59) 2-Hexanone	9.49	43	17086	9.425	ug/l	96
60) Dibromochloromethane	9.57	129	7393	1.939	ug/l	99
61) 1,2-Dibromoethane	9.67	107	5630	2.000	ug/l	99
64) Tetrachloroethene	9.33	164	8597	2.217	ug/l	89
65) Chlorobenzene	10.14	112	20011	2.142	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	7711	2.041	ug/l	97
67) Ethyl Benzene	10.25	91	34374	2.163	ug/l	98
68) m/p-Xylenes	10.36	106	26236	4.275	ug/l	97
69) o-Xylene	10.70	106	12735	2.129	ug/l	93
70) Styrene	10.71	104	21125	2.004	ug/l	97
71) Bromoform	10.85	173	5163	1.932	ug/l #	100
73) Isopropylbenzene	11.01	105	34156	2.152	ug/l	98
74) N-amyl acetate	10.89	43	9607	2.040	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.26	83	6860	2.112	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	5682m	2.091	ug/l	
77) Bromobenzene	11.25	156	9812	2.132	ug/l	99
78) n-propylbenzene	11.35	91	39430	2.191	ug/l	99
79) 2-Chlorotoluene	11.42	91	23193	2.141	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	28928	2.112	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	2275m	2.103	ug/l	
82) 4-Chlorotoluene	11.51	91	27828	2.129	ug/l	100
83) tert-Butylbenzene	11.76	119	30516	2.195	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	30193	2.151	ug/l	99
85) sec-Butylbenzene	11.94	105	35181	2.179	ug/l	99
86) p-Isopropyltoluene	12.06	119	33736	2.155	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	18471	2.159	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	19537	2.259	ug/l	85
89) n-Butylbenzene	12.39	91	30453	2.199	ug/l	100
90) Hexachloroethane	12.59	117	6389	2.109	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	17067	2.146	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	1397	2.159	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
Quantitation Report (QT Reviewed)

Data File : VX011908.D
Acq On : 30 Aug 2019 14:34
Operator : SY/SP
Sample : MDL05
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Quant Time: Aug 31 12:13:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 11:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	15618	2.332	ug/l	98
94) Hexachlorobutadiene	13.78	225	10031	2.243	ug/l	99
95) Naphthalene	13.83	128	26637	2.318	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	13529	2.234	ug/l	94

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

Data File : VX011908.D

```
Acq On      : 30 Aug 2019   14:34
Operator    : SY/SP
Sample      : MDL05
Misc        : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial    : 1      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Quant Time: Aug 31 12:13:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 11:44:51 2019
Response via : Initial Calibration

