

Data File : VD062238.D
Acq On : 11 May 2019 15:36
Operator : FY/SY
Sample : K2718-09MS
Misc : 4.47g/5mL/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P026-SS006-0002-01MS

Manual Integrations
APPROVED

MMDadoda
5/12/2019 1:22:43 PM

Quant Time: May 11 22:57:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	351268	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	486846	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	303987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	82423	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	186688	57.19	ug/l	0.02
Spiked Amount	50.000		Recovery	=	114.38%	
35) Dibromofluoromethane	6.91	113	218035	53.98	ug/l	0.02
Spiked Amount	50.000		Recovery	=	107.96%	
50) Toluene-d8	10.40	98	386438	39.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.36%	
62) 4-Bromofluorobenzene	13.55	95	100506	25.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	221071	65.803	ug/l	96
3) Chloromethane	1.74	50	154192	63.518	ug/l	97
4) Vinyl Chloride	1.84	62	147141	61.675	ug/l	95
5) Bromomethane	2.15	94	61662	110.304	ug/l	88
6) Chloroethane	2.26	64	77852	77.767	ug/l	100
7) Trichlorofluoromethane	2.53	101	346161	74.632	ug/l	97
8) Diethyl Ether	2.86	74	60960	68.147	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.14	101	209008	59.569	ug/l	96
10) Methyl Iodide	3.30	142	273211	51.521	ug/l	90
11) Tert butyl alcohol	4.06	59	66291	397.837	ug/l	98
12) 1,1-Dichloroethene	3.12	96	163803	61.158	ug/l	90
13) Acrolein	3.02	56	10759	62.427	ug/l	87
14) Allyl chloride	3.61	41	231690	59.495	ug/l	88
15) Acrylonitrile	4.18	53	154811	353.469	ug/l	86
16) Acetone	3.21	43	208912	305.170	ug/l #	89
17) Carbon Disulfide	3.37	76	318970	41.399	ug/l	98
18) Methyl Acetate	3.63	43	395427	324.635	ug/l	98
19) Methyl tert-butyl Ether	4.22	73	458192	79.812	ug/l	94
20) Methylene Chloride	3.80	84	186260	65.163	ug/l	92
21) trans-1,2-Dichloroethene	4.21	96	147367	49.445	ug/l	98
22) Diisopropyl ether	5.11	45	596130	71.935	ug/l #	88
23) Vinyl Acetate	5.11	43	256914	58.759	ug/l #	77
24) 1,1-Dichloroethane	4.97	63	348987	69.808	ug/l	99
25) 2-Butanone	6.05	43	257308	344.590	ug/l	97
26) 2,2-Dichloropropane	6.01	77	340116	68.298	ug/l	91
27) cis-1,2-Dichloroethene	6.02	96	189428	56.782	ug/l	93
28) Bromochloromethane	6.43	49	147117	74.797	ug/l	93
29) Tetrahydrofuran	6.45	42	136030	395.376	ug/l	95
30) Chloroform	6.65	83	424816	70.509	ug/l	97
31) Cyclohexane	6.94	56	180416	52.676	ug/l	95
32) 1,1,1-Trichloroethane	6.86	97	408016	71.648	ug/l	98
36) 1,1-Dichloropropene	7.14	75	192979	48.345	ug/l	93
37) Ethyl Acetate	6.16	43	35312	20.860	ug/l	93
38) Carbon Tetrachloride	7.11	117	365122m	66.087	ug/l	

Data File : VD062238.D
Acq On : 11 May 2019 15:36
Operator : FY/SY
Sample : K2718-09MS
Misc : 4.47g/5mL/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P026-SS006-0002-01MS

Manual Integrations
APPROVED

MMDadoda
5/12/2019 1:22:43 PM

Quant Time: May 11 22:57:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	119559	31.261	ug/l	99
40) Benzene	7.45	78	546945	60.680	ug/l	98
41) Methacrylonitrile	6.44	41	157087	75.935	ug/l #	79
42) 1,2-Dichloroethane	7.57	62	310243	81.238	ug/l	92
43) Isopropyl Acetate	9.23	43	27118	11.295	ug/l	100
44) Trichloroethene	8.53	130	161260	46.950	ug/l	86
45) 1,2-Dichloropropane	8.93	63	152351	68.333	ug/l	99
46) Dibromomethane	9.05	93	123279	67.996	ug/l	90
47) Bromodichloromethane	9.37	83	323976	73.054	ug/l	99
48) Methyl methacrylate	9.11	41	163252	110.396	ug/l #	86
49) 1,4-Dioxane	9.07	88	26514	1661.755	ug/l #	86
51) 4-Methyl-2-Pentanone	10.29	43	586619	380.120	ug/l	93
52) Toluene	10.50	92	303455	51.743	ug/l	95
53) t-1,3-Dichloropropene	10.90	75	207139	54.043	ug/l	98
54) cis-1,3-Dichloropropene	10.03	75	228627	54.678	ug/l #	87
55) 1,1,2-Trichloroethane	11.18	97	144797	69.780	ug/l	96
56) Ethyl methacrylate	11.03	69	39873	18.492	ug/l #	82
57) 1,3-Dichloropropane	11.41	76	216640	69.106	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.85	63	413969	351.464	ug/l	100
59) 2-Hexanone	11.52	43	364218	320.211	ug/l	90
60) Dibromochloromethane	11.68	129	234140	65.290	ug/l	100
61) 1,2-Dibromoethane	11.80	107	150746	59.754	ug/l	93
64) Tetrachloroethene	11.26	164	117080	49.254	ug/l	91
65) Chlorobenzene	12.39	112	289063	51.055	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.51	131	212022	86.044	ug/l	96
67) Ethyl Benzene	12.52	91	568371	59.962	ug/l	98
68) m/p-Xylenes	12.66	106	357363	103.625	ug/l	86
69) o-Xylene	13.05	106	211844	66.075	ug/l	91
70) Styrene	13.07	104	282017	51.925	ug/l	96
71) Bromoform	13.23	173	143642	83.787	ug/l	100
73) Isopropylbenzene	13.39	105	471538	95.440	ug/l	92
74) N-amyl acetate	13.27	43	7483	5.777	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.70	83	148823	159.112	ug/l	97
76) 1,2,3-Trichloropropane	13.73	75	139108	142.015	ug/l	96
77) Bromobenzene	13.67	156	127515	92.196	ug/l	98
78) n-propylbenzene	13.77	91	398520	67.618	ug/l	95
79) 2-Chlorotoluene	13.84	91	300867	89.135	ug/l	97
80) 1,3,5-Trimethylbenzene	13.94	105	399995	96.142	ug/l	94
81) trans-1,4-Dichloro-2-buten	13.47	75	33393	120.759	ug/l #	80
82) 4-Chlorotoluene	13.95	91	282037	71.006	ug/l	86
83) tert-Butylbenzene	14.19	119	465116	99.462	ug/l	98
84) 1,2,4-Trimethylbenzene	14.23	105	372437	89.206	ug/l	89
85) sec-Butylbenzene	14.37	105	298254	58.171	ug/l	98
86) p-Isopropyltoluene	14.49	119	310065	67.688	ug/l	92
87) 1,3-Dichlorobenzene	14.46	146	128453	50.841	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	121838	49.078	ug/l	97
89) n-Butylbenzene	14.79	91	159789	38.863	ug/l	92
90) Hexachloroethane	15.01	117	102228	82.062	ug/l	71
91) 1,2-Dichlorobenzene	14.80	146	133547	64.181	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.38	75	20983	136.664	ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051119\
Quantitation Report (QT Reviewed)

Data File : VD062238.D
Acq On : 11 May 2019 15:36
Operator : FY/SY
Sample : K2718-09MS
Misc : 4.47g/5mL/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P026-SS006-0002-01MS

Manual Integrations
APPROVED

MMDadoda
5/12/2019 1:22:43 PM

Quant Time: May 11 22:57:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	35975	23.753	ug/l	96
94) Hexachlorobutadiene	16.03	225	32538	28.885	ug/l	99
95) Naphthalene	16.12	128	103901	49.139	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	31366	32.939	ug/l	94

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

Data File : VD062238.D
Acq On : 11 May 2019 15:36
Operator : FY/SY
Sample : K2718-09MS
Misc : 4.47g/5mL/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
Client Sample Id :
P026-SS006-0002-01MS

Manual Integrations
APPROVED

MMDadoda
5/12/2019 1:22:43 PM

Quant Time: May 11 22:57:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

