

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081018\
 Data File : VD059738.D
 Acq On : 10 Aug 2018 20:03
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICSV081018

Manual Integrations
 APPROVED

apatel
 8/13/2018 12:28:47 PM

Quant Time: Aug 11 05:50:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	175601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	211581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	171667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	97955	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.01	65	134403	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
35) Dibromofluoromethane	5.53	113	115088	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
50) Toluene-d8	8.70	98	228063	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
62) 4-Bromofluorobenzene	11.93	95	110123	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.33	85	128655	48.98	ug/l	99
3) Chloromethane	1.47	50	58167	58.44	ug/l	96
4) Vinyl Chloride	1.54	62	75338	59.94	ug/l	93
5) Bromomethane	1.78	94	30556m	57.89	ug/l	
6) Chloroethane	1.87	64	36770	56.83	ug/l	94
7) Trichlorofluoromethane	2.07	101	132307	49.07	ug/l	95
8) Diethyl Ether	2.34	74	23500	53.94	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.54	101	68548	49.58	ug/l	88
10) Methyl Iodide	2.68	142	82291	47.20	ug/l	96
11) Tert butyl alcohol	3.25	59	24149	253.53	ug/l	98
12) 1,1-Dichloroethene	2.53	96	49583	50.16	ug/l	97
13) Acrolein	2.47	56	13805	243.34	ug/l	90
14) Allyl chloride	2.91	41	113127	51.79	ug/l	100
15) Acrylonitrile	3.34	53	64172	272.53	ug/l	94
16) Acetone	2.60	43	117490	261.67	ug/l	98
17) Carbon Disulfide	2.74	76	183226	55.29	ug/l	98
18) Methyl Acetate	2.93	43	43102	49.96	ug/l	99
19) Methyl tert-butyl Ether	3.39	73	200743	51.89	ug/l	98
20) Methylene Chloride	3.06	84	60937	47.01	ug/l	96
21) trans-1,2-Dichloroethene	3.38	96	69403	55.38	ug/l	91
22) Diisopropyl ether	4.06	45	226233	54.76	ug/l	92
23) Vinyl Acetate	4.01	43	746409	267.00	ug/l	99
24) 1,1-Dichloroethane	3.96	63	154108	50.51	ug/l	98
25) 2-Butanone	4.83	43	135696	281.18	ug/l	98
26) 2,2-Dichloropropane	4.79	77	172937	48.49	ug/l	100
27) cis-1,2-Dichloroethene	4.80	96	80995	53.42	ug/l	93
28) Bromochloromethane	5.14	49	59618	54.27	ug/l #	95
29) Tetrahydrofuran	5.17	42	49161	272.44	ug/l	98
30) Chloroform	5.31	83	203690	50.54	ug/l	97
31) Cyclohexane	5.58	56	94185	53.18	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	207275	49.61	ug/l	95
36) 1,1-Dichloropropene	5.73	75	127754	52.02	ug/l	98
37) Ethyl Acetate	4.91	43	61177	56.64	ug/l #	95
38) Carbon Tetrachloride	5.71	117	191813	49.64	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081018\
 Data File : VD059738.D
 Acq On : 10 Aug 2018 20:03
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 ICSV081018

Manual Integrations
 APPROVED

apatel
 8/13/2018 12:28:47 PM

Quant Time: Aug 11 05:50:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	99327	54.59	ug/l	97
40) Benzene	6.01	78	223649	52.27	ug/l	99
41) Methacrylonitrile	5.11	41	28642	56.41	ug/l	95
42) 1,2-Dichloroethane	6.11	62	172012	50.69	ug/l	99
43) Isopropyl Acetate	7.61	43	72158	53.03	ug/l	92
44) Trichloroethene	6.97	130	90889	52.66	ug/l	96
45) 1,2-Dichloropropane	7.33	63	60211	55.24	ug/l	92
46) Dibromomethane	7.45	93	59397	51.31	ug/l	86
47) Bromodichloromethane	7.74	83	149511	48.88	ug/l	97
48) Methyl methacrylate	7.49	41	56085	56.47	ug/l	99
49) 1,4-Dioxane	7.49	88	7972	1135.40	ug/l #	80
51) 4-Methyl-2-Pentanone	8.59	43	314403	299.74	ug/l	97
52) Toluene	8.79	92	150242	54.60	ug/l	100
53) t-1,3-Dichloropropene	9.18	75	130755	53.20	ug/l	96
54) cis-1,3-Dichloropropene	8.35	75	122122	51.77	ug/l	95
55) 1,1,2-Trichloroethane	9.45	97	55722	51.35	ug/l	96
56) Ethyl methacrylate	9.31	69	66702	53.94	ug/l	91
57) 1,3-Dichloropropane	9.66	76	90298	49.99	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.18	63	155654	271.79	ug/l	97
59) 2-Hexanone	9.78	43	231218	294.58	ug/l	97
60) Dibromochloromethane	9.95	129	107377	51.29	ug/l	98
61) 1,2-Dibromoethane	10.09	107	70669	52.08	ug/l	99
64) Tetrachloroethene	9.51	164	91009	54.01	ug/l	94
65) Chlorobenzene	10.72	112	185625	52.98	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.85	131	91084	51.33	ug/l	99
67) Ethyl Benzene	10.86	91	339906	51.78	ug/l	98
68) m/p-Xylenes	11.00	106	210288	99.92	ug/l	97
69) o-Xylene	11.40	106	101625	49.66	ug/l	99
70) Styrene	11.43	104	173922	51.90	ug/l	99
71) Bromoform	11.59	173	72092	53.71	ug/l	98
73) Isopropylbenzene	11.77	105	339215	50.97	ug/l	99
74) N-amyl acetate	11.64	43	100690	52.78	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.08	83	61904	50.98	ug/l	99
76) 1,2,3-Trichloropropane	12.11	75	74461	51.39	ug/l	96
77) Bromobenzene	12.04	156	97971	50.41	ug/l	85
78) n-propylbenzene	12.15	91	398350	49.27	ug/l	100
79) 2-Chlorotoluene	12.21	91	253436	49.51	ug/l	94
80) 1,3,5-Trimethylbenzene	12.31	105	289819	50.27	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.84	75	19279	59.07	ug/l #	80
82) 4-Chlorotoluene	12.32	91	302558	50.14	ug/l	97
83) tert-Butylbenzene	12.57	119	311510	49.68	ug/l	99
84) 1,2,4-Trimethylbenzene	12.62	105	304600	51.20	ug/l	99
85) sec-Butylbenzene	12.75	105	349923	52.49	ug/l	98
86) p-Isopropyltoluene	12.88	119	308614	51.37	ug/l	95
87) 1,3-Dichlorobenzene	12.83	146	167557	50.92	ug/l	95
88) 1,4-Dichlorobenzene	12.92	146	173621	52.78	ug/l	97
89) n-Butylbenzene	13.19	91	288871	48.64	ug/l	99
90) Hexachloroethane	13.39	117	79742	51.17	ug/l	86
91) 1,2-Dichlorobenzene	13.19	146	140226	50.16	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.77	75	15291	50.55	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081018\
Data File : VD059738.D
Acq On : 10 Aug 2018 20:03
Operator : VA/AP
Sample : VSTDICV050
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD081018

Manual Integrations
APPROVED

apatel
8/13/2018 12:28:47 PM

Quant Time: Aug 11 05:50:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 11 05:42:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	131313	49.47	ug/l	97
94) Hexachlorobutadiene	14.43	225	101303	45.54	ug/l	99
95) Naphthalene	14.52	128	184517	51.63	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	110716	48.79	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081018\
 Data File : VD059738.D
 Acq On : 10 Aug 2018 20:03
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD081018

Manual Integrations
 APPROVED

apatel
 8/13/2018 12:28:47 PM

Quant Time: Aug 11 05:50:46 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 Response via : Initial Calibration

