

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080618\
 Data File : VD059688.D
 Acq On : 6 Aug 2018 12:05
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 07 04:00:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 03:58:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	197529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	250089	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	207841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	107076	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.00	65	141377	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
35) Dibromofluoromethane	5.53	113	122128	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
50) Toluene-d8	8.69	98	257692	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	11.92	95	119227	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.33	85	158457	57.58	ug/l	100
3) Chloromethane	1.47	50	71182	59.02	ug/l	100
4) Vinyl Chloride	1.54	62	85084	59.19	ug/l	100
5) Bromomethane	1.78	94	32044	63.70	ug/l	100
6) Chloroethane	1.87	64	39819	69.28	ug/l	100
7) Trichlorofluoromethane	2.07	101	138512	59.56	ug/l	100
8) Diethyl Ether	2.33	74	25924	59.75	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.54	101	75785	56.45	ug/l	100
10) Methyl Iodide	2.67	142	93046	60.74	ug/l	100
11) Tert butyl alcohol	3.24	59	26095	286.93	ug/l	100
12) 1,1-Dichloroethene	2.53	96	58411	58.85	ug/l	100
13) Acrolein	2.46	56	24090	277.47	ug/l	100
14) Allyl chloride	2.90	41	125264	55.56	ug/l	100
15) Acrylonitrile	3.33	53	72027	275.49	ug/l	100
16) Acetone	2.59	43	145092	301.99	ug/l	100
17) Carbon Disulfide	2.73	76	209827	59.76	ug/l	100
18) Methyl Acetate	2.92	43	45962	53.45	ug/l	100
19) Methyl tert-butyl Ether	3.39	73	215275	56.37	ug/l	100
20) Methylene Chloride	3.05	84	66195	36.97	ug/l	100
21) trans-1,2-Dichloroethene	3.36	96	73597	54.67	ug/l	100
22) Diisopropyl ether	4.05	45	282133	54.81	ug/l	100
23) Vinyl Acetate	3.99	43	887264	276.16	ug/l	100
24) 1,1-Dichloroethane	3.95	63	188962	54.50	ug/l	100
25) 2-Butanone	4.82	43	181603	296.45	ug/l	100
26) 2,2-Dichloropropane	4.78	77	205396	54.56	ug/l	100
27) cis-1,2-Dichloroethene	4.79	96	100398	55.16	ug/l	100
28) Bromochloromethane	5.12	49	66117	51.45	ug/l	100
29) Tetrahydrofuran	5.16	42	64937	270.93	ug/l	100
30) Chloroform	5.30	83	230009	54.96	ug/l	100
31) Cyclohexane	5.57	56	125033	49.54	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	231181	56.36	ug/l	100
36) 1,1-Dichloropropene	5.72	75	152381	54.50	ug/l	100
37) Ethyl Acetate	4.91	43	73625	55.99	ug/l	100
38) Carbon Tetrachloride	5.70	117	205265	54.21	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080618\
 Data File : VD059688.D
 Acq On : 6 Aug 2018 12:05
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 07 04:00:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 03:58:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.27	83	130344	56.33	ug/l	100
40) Benzene	6.00	78	292287	54.24	ug/l	100
41) Methacrylonitrile	5.10	41	36398	57.13	ug/l	100
42) 1,2-Dichloroethane	6.11	62	186822	56.30	ug/l	100
43) Isopropyl Acetate	7.60	43	98629	56.61	ug/l	100
44) Trichloroethene	6.96	130	106815	54.32	ug/l	100
45) 1,2-Dichloropropane	7.34	63	75084	53.93	ug/l	100
46) Dibromomethane	7.44	93	70446	57.50	ug/l	100
47) Bromodichloromethane	7.72	83	175197	55.77	ug/l	100
48) Methyl methacrylate	7.48	41	64551	55.93	ug/l	100
49) 1,4-Dioxane	7.46	88	11065	1232.54	ug/l	100
51) 4-Methyl-2-Pentanone	8.59	43	376348	296.66	ug/l	100
52) Toluene	8.79	92	178520	52.59	ug/l	100
53) t-1,3-Dichloropropene	9.18	75	147670	55.50	ug/l	100
54) cis-1,3-Dichloropropene	8.35	75	146740	54.65	ug/l	100
55) 1,1,2-Trichloroethane	9.44	97	66573	51.14	ug/l	100
56) Ethyl methacrylate	9.30	69	80739	54.84	ug/l	100
57) 1,3-Dichloropropane	9.65	76	111781	53.40	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.17	63	181276	260.90	ug/l	100
59) 2-Hexanone	9.78	43	287778	299.72	ug/l	100
60) Dibromochloromethane	9.94	129	120197	56.77	ug/l	100
61) 1,2-Dibromoethane	10.08	107	85578	55.80	ug/l	100
64) Tetrachloroethene	9.50	164	103089	53.28	ug/l	100
65) Chlorobenzene	10.71	112	219658	52.07	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.84	131	98769	52.09	ug/l	100
67) Ethyl Benzene	10.85	91	398415	51.09	ug/l	100
68) m/p-Xylenes	11.01	106	251907	101.80	ug/l	100
69) o-Xylene	11.40	106	123605	50.94	ug/l	100
70) Styrene	11.42	104	212092	52.83	ug/l	100
71) Bromoform	11.60	173	81155	56.60	ug/l	100
73) Isopropylbenzene	11.76	105	391383	53.96	ug/l	100
74) N-amyl acetate	11.63	43	132974	58.62	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.07	83	77281	54.78	ug/l	100
76) 1,2,3-Trichloropropane	12.11	75	90902	54.68	ug/l	100
77) Bromobenzene	12.03	156	114568	55.06	ug/l	100
78) n-propylbenzene	12.15	91	478359	53.32	ug/l	100
79) 2-Chlorotoluene	12.21	91	291585	53.95	ug/l	100
80) 1,3,5-Trimethylbenzene	12.31	105	326850	54.82	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.83	75	23611	56.90	ug/l	100
82) 4-Chlorotoluene	12.31	91	341411	54.04	ug/l	100
83) tert-Butylbenzene	12.57	119	360855	53.57	ug/l	100
84) 1,2,4-Trimethylbenzene	12.62	105	344600	54.53	ug/l	100
85) sec-Butylbenzene	12.75	105	392348	52.77	ug/l	100
86) p-Isopropyltoluene	12.87	119	339690	52.75	ug/l	100
87) 1,3-Dichlorobenzene	12.83	146	187176	51.35	ug/l	100
88) 1,4-Dichlorobenzene	12.92	146	191460	52.31	ug/l	100
89) n-Butylbenzene	13.19	91	339520	53.45	ug/l	100
90) Hexachloroethane	13.40	117	92701	55.13	ug/l	100
91) 1,2-Dichlorobenzene	13.19	146	153390	51.03	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.77	75	18958	61.31	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080618\
Data File : VD059688.D
Acq On : 6 Aug 2018 12:05
Operator : VA/AP
Sample : VSTDICCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Quant Time: Aug 07 04:00:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 03:58:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	147234	54.52	ug/l	100
94) Hexachlorobutadiene	14.43	225	118118	56.05	ug/l	100
95) Naphthalene	14.51	128	218850	54.16	ug/l	100
96) 1,2,3-Trichlorobenzene	14.65	180	134633	55.80	ug/l	100

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

