

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060519\
 Data File : VD062614.D
 Acq On : 5 Jun 2019 15:40
 Operator : FY/SY
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 12:21:18 PM

Quant Time: Jun 06 05:40:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 06 05:23:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	734495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1031076	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	853961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	485760	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.47	65	573997	56.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.94%	
35) Dibromofluoromethane	6.94	113	568817	54.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.56%	
50) Toluene-d8	10.42	98	1166450	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
62) 4-Bromofluorobenzene	13.56	95	571054	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.58	85	432518	47.607	ug/l	100
3) Chloromethane	1.76	50	365103	51.475	ug/l	100
4) Vinyl Chloride	1.86	62	387849	55.760	ug/l	100
5) Bromomethane	2.16	94	214072	62.659	ug/l	100
6) Chloroethane	2.28	64	196547	55.989	ug/l	100
7) Trichlorofluoromethane	2.55	101	893357	57.532	ug/l	100
8) Diethyl Ether	2.88	74	115041	57.009	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.16	101	489054	56.019	ug/l	100
10) Methyl Iodide	3.32	142	673858	60.307	ug/l	100
11) Tert butyl alcohol	4.10	59	126762	280.977	ug/l	100
12) 1,1-Dichloroethene	3.14	96	385224	60.212	ug/l	100
13) Acrolein	3.05	56	41232	258.438	ug/l	100
14) Allyl chloride	3.63	41	574089	58.876	ug/l	100
15) Acrylonitrile	4.21	53	277765	282.428	ug/l	100
16) Acetone	3.24	43	542123	299.425	ug/l	100
17) Carbon Disulfide	3.38	76	1086007	58.247	ug/l	100
18) Methyl Acetate	3.66	43	154470	47.978	ug/l	100
19) Methyl tert-butyl Ether	4.26	73	884039	56.984	ug/l	100
20) Methylene Chloride	3.83	84	361594	51.311	ug/l	100
21) trans-1,2-Dichloroethene	4.23	96	401081	57.505	ug/l	100
22) Diisopropyl ether	5.14	45	1209857	58.737	ug/l	100
23) Vinyl Acetate	5.08	43	3746730	299.001	ug/l	100
24) 1,1-Dichloroethane	5.00	63	725898	55.933	ug/l	100
25) 2-Butanone	6.09	43	504265	293.194	ug/l	100
26) 2,2-Dichloropropane	6.04	77	835781	58.937	ug/l	100
27) cis-1,2-Dichloroethene	6.05	96	432533	57.537	ug/l	100
28) Bromochloromethane	6.46	49	280085	57.045	ug/l	100
29) Tetrahydrofuran	6.48	42	229929	287.986	ug/l	100
30) Chloroform	6.68	83	918519	56.905	ug/l	100
31) Cyclohexane	6.97	56	463594	55.879	ug/l	100
32) 1,1,1-Trichloroethane	6.89	97	926787	56.716	ug/l	100
36) 1,1-Dichloropropene	7.15	75	580211	52.339	ug/l	100
37) Ethyl Acetate	6.20	43	248330	55.510	ug/l	100
38) Carbon Tetrachloride	7.12	117	936869m	55.754	ug/l	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060519\
 Data File : VD062614.D
 Acq On : 5 Jun 2019 15:40
 Operator : FY/SY
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 12:21:18 PM

Quant Time: Jun 06 05:40:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 06 05:23:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	531327	56.059	ug/l	100
40) Benzene	7.47	78	1235579	56.432	ug/l	100
41) Methacrylonitrile	6.47	41	322620	55.689	ug/l	100
42) 1,2-Dichloroethane	7.60	62	720624	55.916	ug/l	100
43) Isopropyl Acetate	9.25	43	348080	56.610	ug/l	100
44) Trichloroethene	8.55	130	479690	54.026	ug/l	100
45) 1,2-Dichloropropane	8.96	63	312023	56.911	ug/l	100
46) Dibromomethane	9.07	93	273499	57.340	ug/l	100
47) Bromodichloromethane	9.39	83	734417	57.165	ug/l	100
48) Methyl methacrylate	9.13	41	240806	57.587	ug/l	100
49) 1,4-Dioxane	9.09	88	39739	1197.447	ug/l	100
51) 4-Methyl-2-Pentanone	10.31	43	1089317	272.081	ug/l	100
52) Toluene	10.52	92	810697	55.824	ug/l	100
53) t-1,3-Dichloropropene	10.92	75	619606	58.085	ug/l	100
54) cis-1,3-Dichloropropene	10.05	75	643783	59.265	ug/l	100
55) 1,1,2-Trichloroethane	11.20	97	279006	55.999	ug/l	100
56) Ethyl methacrylate	11.05	69	344571	62.054	ug/l	100
57) 1,3-Dichloropropane	11.42	76	444287	57.115	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.87	63	694400	243.823	ug/l	100
59) 2-Hexanone	11.54	43	852281	280.748	ug/l	100
60) Dibromochloromethane	11.69	129	566204	58.159	ug/l	100
61) 1,2-Dibromoethane	11.81	107	339148	55.578	ug/l	100
64) Tetrachloroethene	11.27	164	448903	58.206	ug/l	100
65) Chlorobenzene	12.40	112	1025853	57.812	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	496723	58.233	ug/l	100
67) Ethyl Benzene	12.53	91	1828340	57.008	ug/l	100
68) m/p-Xylenes	12.68	106	1293830	115.653	ug/l	100
69) o-Xylene	13.05	106	622020	57.707	ug/l	100
70) Styrene	13.08	104	1034547	57.131	ug/l	100
71) Bromoform	13.24	173	356346	60.486	ug/l	100
73) Isopropylbenzene	13.41	105	1904784	56.394	ug/l	100
74) N-amyl acetate	13.27	43	483290	55.414	ug/l	100
75) 1,1,2,2-Tetrachloroethane	13.70	83	321506	56.783	ug/l	100
76) 1,2,3-Trichloropropane	13.74	75	356019	56.185	ug/l	100
77) Bromobenzene	13.67	156	553224	58.885	ug/l	100
78) n-propylbenzene	13.78	91	2215971	56.571	ug/l	100
79) 2-Chlorotoluene	13.85	91	1370711	57.718	ug/l	100
80) 1,3,5-Trimethylbenzene	13.94	105	1486189	51.127	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.47	75	94869	58.245	ug/l	100
82) 4-Chlorotoluene	13.96	91	1525412	54.585	ug/l	100
83) tert-Butylbenzene	14.19	119	1730014	54.049	ug/l	100
84) 1,2,4-Trimethylbenzene	14.24	105	1638615	55.073	ug/l	100
85) sec-Butylbenzene	14.37	105	1908865	57.878	ug/l	100
86) p-Isopropyltoluene	14.50	119	1765307	55.674	ug/l	100
87) 1,3-Dichlorobenzene	14.46	146	861455	54.633	ug/l	100
88) 1,4-Dichlorobenzene	14.54	146	885304	55.438	ug/l	100
89) n-Butylbenzene	14.80	91	1675451	56.828	ug/l	100
90) Hexachloroethane	15.01	117	486525	58.299	ug/l	100
91) 1,2-Dichlorobenzene	14.81	146	819934	56.316	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	15.38	75	67232	58.048	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060519\
Data File : VD062614.D
Acq On : 5 Jun 2019 15:40
Operator : FY/SY
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
6/6/2019 12:21:18 PM

Quant Time: Jun 06 05:40:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060519S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 06 05:23:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	591093	56.502	ug/l	100
94) Hexachlorobutadiene	16.04	225	439312	55.986	ug/l	100
95) Naphthalene	16.13	128	827184	55.217	ug/l	100
96) 1,2,3-Trichlorobenzene	16.27	180	454874	56.863	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD060519\
Data File : VD062614.D
Acq On : 5 Jun 2019 15:40
Operator : FY/SY
Sample : VSTDICCC050
Misc : 5.00µ/5mL/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
6/6/2019 12:21:18 PM

Quant Time: Jun 06 05:40:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060519S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 06 05:23:50 2019
Response via : Initial Calibration

