

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100518\
 Data File : VD060136.D
 Acq On : 5 Oct 2018 12:40
 Operator : VA/AP
 Sample : VD1005SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBS01

Manual Integrations
 APPROVED

apatel
 10/8/2018 12:22:56 PM

Quant Time: Oct 05 23:59:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1591586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.43	114	2241598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1775915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	975483	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.77	65	648430	53.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.50%	
35) Dibromofluoromethane	6.31	113	882533	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	9.44	98	2587035	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
62) 4-Bromofluorobenzene	12.42	95	938033	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	277052	18.505	ug/l	99
3) Chloromethane	1.74	50	289156	21.419	ug/l	100
4) Vinyl Chloride	1.84	62	232534	21.047	ug/l	97
5) Bromomethane	2.12	94	20064	14.463	ug/l	84
6) Chloroethane	2.23	64	55362	18.363	ug/l	96
7) Trichlorofluoromethane	2.49	101	266279	20.129	ug/l	97
8) Diethyl Ether	2.81	74	58335	21.445	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.07	101	181083	21.973	ug/l	96
10) Methyl Iodide	3.22	142	148272	16.965	ug/l	98
11) Tert butyl alcohol	3.95	59	78567	90.803	ug/l	96
12) 1,1-Dichloroethene	3.05	96	145538	22.416	ug/l	94
13) Acrolein	2.96	56	51736	96.997	ug/l	90
14) Allyl chloride	3.51	41	283632	21.034	ug/l	96
15) Acrylonitrile	4.06	53	368867	102.996	ug/l	98
16) Acetone	3.14	43	253092	115.613	ug/l	98
17) Carbon Disulfide	3.29	76	453831	20.786	ug/l	99
18) Methyl Acetate	3.53	43	87275	18.549	ug/l	99
19) Methyl tert-butyl Ether	4.10	73	587771	20.590	ug/l	98
20) Methylene Chloride	3.70	84	394086	20.317	ug/l	98
21) trans-1,2-Dichloroethene	4.07	96	335440	20.005	ug/l	94
22) Diisopropyl ether	4.83	45	1248274	20.728	ug/l	92
23) Vinyl Acetate	4.78	43	3592692	106.136	ug/l	99
24) 1,1-Dichloroethane	4.73	63	558560	20.457	ug/l	99
25) 2-Butanone	5.61	43	587138	107.357	ug/l	98
26) 2,2-Dichloropropane	5.57	77	446970	21.594	ug/l	97
27) cis-1,2-Dichloroethene	5.58	96	362215	20.388	ug/l	97
28) Bromochloromethane	5.90	49	273069	20.580	ug/l	97
29) Tetrahydrofuran	5.93	42	306781	96.573	ug/l	99
30) Chloroform	6.08	83	573122	20.751	ug/l	98
31) Cyclohexane	6.34	56	520424	19.911	ug/l	99
32) 1,1,1-Trichloroethane	6.28	97	460375	20.345	ug/l	99
36) 1,1-Dichloropropene	6.50	75	430365	20.091	ug/l	98
37) Ethyl Acetate	5.68	43	290527	20.434	ug/l	98
38) Carbon Tetrachloride	6.48	117	396672	20.403	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100518\
 Data File : VD060136.D
 Acq On : 5 Oct 2018 12:40
 Operator : VA/AP
 Sample : VD1005SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1005SBS01

Manual Integrations
 APPROVED

apatel
 10/8/2018 12:22:56 PM

Quant Time: Oct 05 23:59:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.03	83	490146	20.139	ug/l	98
40) Benzene	6.78	78	1100702	19.642	ug/l	100
41) Methacrylonitrile	5.92	41	172042m	21.408	ug/l	
42) 1,2-Dichloroethane	6.88	62	325477	20.258	ug/l	100
43) Isopropyl Acetate	8.33	43	378542	20.237	ug/l	100
44) Trichloroethene	7.72	130	345434	19.913	ug/l	97
45) 1,2-Dichloropropane	8.09	63	293971	20.034	ug/l	97
46) Dibromomethane	8.20	93	190155	20.016	ug/l	98
47) Bromodichloromethane	8.48	83	414905	20.498	ug/l	99
48) Methyl methacrylate	8.23	41	216237	20.295	ug/l	97
49) 1,4-Dioxane	8.21	88	40214	383.591	ug/l	96
51) 4-Methyl-2-Pentanone	9.33	43	1169470	99.124	ug/l	97
52) Toluene	9.53	92	718462	19.907	ug/l	100
53) t-1,3-Dichloropropene	9.91	75	368566	20.123	ug/l	98
54) cis-1,3-Dichloropropene	9.09	75	467149	20.655	ug/l	98
55) 1,1,2-Trichloroethane	10.17	97	237073	20.093	ug/l	98
56) Ethyl methacrylate	10.02	69	259853	19.952	ug/l	95
57) 1,3-Dichloropropane	10.37	76	373529	20.758	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.91	63	759801	105.055	ug/l	99
59) 2-Hexanone	10.48	43	898952	105.961	ug/l	100
60) Dibromochloromethane	10.63	129	295678	20.425	ug/l	96
61) 1,2-Dibromoethane	10.74	107	246037	19.626	ug/l	98
64) Tetrachloroethene	10.24	164	325332	20.916	ug/l	98
65) Chlorobenzene	11.30	112	801231	20.855	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.41	131	275208	21.472	ug/l	98
67) Ethyl Benzene	11.42	91	1367812	21.974	ug/l	99
68) m/p-Xylenes	11.56	106	1016087	43.688	ug/l	98
69) o-Xylene	11.92	106	483625	21.023	ug/l	93
70) Styrene	11.94	104	797798	20.738	ug/l	97
71) Bromoform	12.11	173	209075	20.145	ug/l #	98
73) Isopropylbenzene	12.27	105	1277274	19.847	ug/l	98
74) N-amyl acetate	12.13	43	467607	19.837	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.55	83	275327	19.597	ug/l	99
76) 1,2,3-Trichloropropane	12.59	75	264866	18.854	ug/l	100
77) Bromobenzene	12.53	156	369953	19.783	ug/l	92
78) n-propylbenzene	12.63	91	1677058	20.987	ug/l	100
79) 2-Chlorotoluene	12.70	91	896474	20.213	ug/l	97
80) 1,3,5-Trimethylbenzene	12.79	105	1056116	21.204	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.34	75	75647	19.164	ug/l	97
82) 4-Chlorotoluene	12.80	91	1054387	21.019	ug/l	94
83) tert-Butylbenzene	13.04	119	1169464	20.461	ug/l	95
84) 1,2,4-Trimethylbenzene	13.09	105	1056040	20.117	ug/l	98
85) sec-Butylbenzene	13.21	105	1424039	21.072	ug/l	98
86) p-Isopropyltoluene	13.34	119	1115573	20.126	ug/l	96
87) 1,3-Dichlorobenzene	13.30	146	651906	20.008	ug/l	98
88) 1,4-Dichlorobenzene	13.38	146	669273	20.450	ug/l	98
89) n-Butylbenzene	13.64	91	1176485	21.752	ug/l	98
90) Hexachloroethane	13.85	117	264853	20.646	ug/l	83
91) 1,2-Dichlorobenzene	13.66	146	591475	21.590	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.22	75	36162	19.277	ug/l	68

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100518\
Data File : VD060136.D
Acq On : 5 Oct 2018 12:40
Operator : VA/AP
Sample : VD1005SBS01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1005SBS01

Manual Integrations
APPROVED

apatel
10/8/2018 12:22:56 PM

Quant Time: Oct 05 23:59:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	454961	19.565	ug/l	97
94) Hexachlorobutadiene	14.88	225	305931	19.793	ug/l	98
95) Naphthalene	14.97	128	653807	18.968	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	387148	19.139	ug/l	98

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

