

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122718\
 Data File : VD060741.D
 Acq On : 27 Dec 2018 22:06
 Operator : VA/AP
 Sample : J6447-10MSD
 Misc : 5.48g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS025-1218-01MSD

Manual Integrations
 APPROVED

apatel
 12/28/2018 9:47:16 AM

Quant Time: Dec 28 03:09:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	569619	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.41	114	815383	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.26	117	532680	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	188616	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.75	65	347075	88.17	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	176.34%	
35) Dibromofluoromethane	6.29	113	438476	73.47	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	146.94%	
50) Toluene-d8	9.43	98	917652	51.53	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	103.06%	
62) 4-Bromofluorobenzene	12.41	95	237608	38.10	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	76.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.59	85	428209	58.834	ug/l	99
3) Chloromethane	1.75	50	410797	61.328	ug/l	99
4) Vinyl Chloride	1.84	62	313250	58.903	ug/l	100
5) Bromomethane	2.15	94	94577	79.393	ug/l	97
6) Chloroethane	2.24	64	121148	76.333	ug/l	99
7) Trichlorofluoromethane	2.49	101	324200	54.808	ug/l	99
8) Diethyl Ether	2.81	74	88078	88.999	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.07	101	164304	42.822	ug/l	91
10) Methyl Iodide	3.23	142	229507	56.915	ug/l	99
11) Tert butyl alcohol	3.93	59	79340	482.269	ug/l	98
12) 1,1-Dichloroethene	3.05	96	177043	56.156	ug/l	93
13) Acrolein	2.96	56	17119	102.113	ug/l	95
14) Allyl chloride	3.51	41	355645	61.478	ug/l	98
15) Acrylonitrile	4.06	53	405788	424.861	ug/l	98
16) Acetone	3.14	43	354060	515.034	ug/l	96
17) Carbon Disulfide	3.30	76	500327	49.692	ug/l	99
18) Methyl Acetate	3.53	43	357869	210.051	ug/l	98
19) Methyl tert-butyl Ether	4.09	73	758234	94.796	ug/l	99
20) Methylene Chloride	3.69	84	502067	70.324	ug/l	98
21) trans-1,2-Dichloroethene	4.07	96	381981	59.162	ug/l	96
22) Diisopropyl ether	4.82	45	1616954	82.323	ug/l #	84
23) Vinyl Acetate	4.82	43	673426	70.867	ug/l #	80
24) 1,1-Dichloroethane	4.72	63	721332	69.820	ug/l	99
25) 2-Butanone	5.59	43	536022	407.471	ug/l	96
26) 2,2-Dichloropropane	5.55	77	436893	53.573	ug/l	97
27) cis-1,2-Dichloroethene	5.56	96	427043	65.155	ug/l	96
28) Bromochloromethane	5.90	49	334479	76.635	ug/l	92
29) Tetrahydrofuran	5.92	42	368807	494.546	ug/l	99
30) Chloroform	6.07	83	704532	67.771	ug/l	99
31) Cyclohexane	6.34	56	323774	32.565	ug/l	95
32) 1,1,1-Trichloroethane	6.26	97	444532	51.685	ug/l	98
36) 1,1-Dichloropropene	6.49	75	358986	42.756	ug/l	96
37) Ethyl Acetate	5.66	43	103447	29.459	ug/l #	87
38) Carbon Tetrachloride	6.47	117	323220	43.635	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122718\
 Data File : VD060741.D
 Acq On : 27 Dec 2018 22:06
 Operator : VA/AP
 Sample : J6447-10MSD
 Misc : 5.48g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 P001-SS025-1218-01MSD

Manual Integrations
 APPROVED

apatel
 12/28/2018 9:47:16 AM

Quant Time: Dec 28 03:09:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.01	83	215268	22.480	ug/l	96
40) Benzene	6.76	78	1311028	60.450	ug/l	98
41) Methacrylonitrile	5.92	41	206858m	106.499	ug/l	
42) 1,2-Dichloroethane	6.86	62	422161	78.439	ug/l	98
43) Isopropyl Acetate	8.32	43	71956	15.968	ug/l #	99
44) Trichloroethene	7.71	130	308600	48.075	ug/l	96
45) 1,2-Dichloropropane	8.07	63	347537	65.342	ug/l	99
46) Dibromomethane	8.19	93	232747	76.673	ug/l	100
47) Bromodichloromethane	8.46	83	458223	63.732	ug/l	100
48) Methyl methacrylate	8.22	41	210534	76.923	ug/l	93
49) 1,4-Dioxane	8.20	88	50468	1983.196	ug/l	96
51) 4-Methyl-2-Pentanone	9.31	43	1122496	406.575	ug/l	100
52) Toluene	9.52	92	669756	49.261	ug/l	99
53) t-1,3-Dichloropropene	9.89	75	369175	61.547	ug/l	97
54) cis-1,3-Dichloropropene	9.07	75	469580	59.811	ug/l	100
55) 1,1,2-Trichloroethane	10.16	97	248777	68.007	ug/l	97
56) Ethyl methacrylate	10.01	69	67786	19.950	ug/l	97
57) 1,3-Dichloropropane	10.35	76	408229	70.405	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.90	63	744863	372.049	ug/l	97
59) 2-Hexanone	10.46	43	667549	345.433	ug/l	99
60) Dibromochloromethane	10.62	129	297869	63.926	ug/l	100
61) 1,2-Dibromoethane	10.74	107	258359	68.090	ug/l	96
64) Tetrachloroethene	10.23	164	204954	42.451	ug/l	98
65) Chlorobenzene	11.29	112	608418	51.697	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.40	131	252780	66.802	ug/l	99
67) Ethyl Benzene	11.41	91	956866	47.474	ug/l	97
68) m/p-Xylenes	11.54	106	690651	93.764	ug/l	92
69) o-Xylene	11.92	106	335700	48.038	ug/l	91
70) Styrene	11.94	104	526226	46.755	ug/l	96
71) Bromoform	12.10	173	179853	72.004	ug/l	97
73) Isopropylbenzene	12.26	105	736057	54.810	ug/l	99
74) N-amyl acetate	12.12	43	20835	6.574	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.55	83	238737	109.677	ug/l	99
76) 1,2,3-Trichloropropane	12.59	75	237407	110.557	ug/l	96
77) Bromobenzene	12.53	156	245314	69.191	ug/l	88
78) n-propylbenzene	12.63	91	843235	49.116	ug/l	99
79) 2-Chlorotoluene	12.69	91	473616	51.505	ug/l	96
80) 1,3,5-Trimethylbenzene	12.77	105	513282	49.497	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.32	75	58173	98.039	ug/l	94
82) 4-Chlorotoluene	12.79	91	537789	51.598	ug/l	92
83) tert-Butylbenzene	13.03	119	597033	50.589	ug/l	94
84) 1,2,4-Trimethylbenzene	13.08	105	536670	50.249	ug/l	98
85) sec-Butylbenzene	13.21	105	539214	37.465	ug/l	97
86) p-Isopropyltoluene	13.33	119	461292	39.706	ug/l	98
87) 1,3-Dichlorobenzene	13.30	146	308909	47.462	ug/l	98
88) 1,4-Dichlorobenzene	13.37	146	318430	49.650	ug/l	98
89) n-Butylbenzene	13.63	91	377389	31.788	ug/l	95
90) Hexachloroethane	13.85	117	116377	40.776	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	288667	55.290	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.21	75	24627	96.303	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122718\
Data File : VD060741.D
Acq On : 27 Dec 2018 22:06
Operator : VA/AP
Sample : J6447-10MSD
Misc : 5.48g/5ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P001-SS025-1218-01MSD

Manual Integrations
APPROVED

apatel
12/28/2018 9:47:16 AM

Quant Time: Dec 28 03:09:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.77	180	101439	24.417	ug/l	97
94) Hexachlorobutadiene	14.87	225	57062	18.582	ug/l	96
95) Naphthalene	14.96	128	197385	39.975	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	77235	23.782	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122718\
Data File : VD060741.D
Acq On : 27 Dec 2018 22:06
Operator : VA/AP
Sample : J6447-10MSD
Misc : 5.48g/5ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P001-SS025-1218-01MSD

Manual Integrations
APPROVED

apatel
12/28/2018 9:47:16 AM

Quant Time: Dec 28 03:09:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration

