

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100219\
 Data File : VD063863.D
 Acq On : 02 Oct 2019 16:49
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00g/5.00mL/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 10/3/2019 12:54:54 PM

Quant Time: Oct 03 03:39:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 03 03:24:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	194648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	302196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	299930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	155615	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	20027	10.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.70%	
35) Dibromofluoromethane	7.93	113	18636	9.81	ug/l	0.01
Spiked Amount	50.000		Recovery	=	19.62%	
50) Toluene-d8	10.34	98	75597	10.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.00%	
62) 4-Bromofluorobenzene	12.63	95	25741	9.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.84%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	13918	10.244	ug/l	93
3) Chloromethane	2.21	50	48826	11.887	ug/l	100
4) Vinyl Chloride	2.34	62	47454	11.292	ug/l	97
5) Bromomethane	2.77	94	30723	12.365	ug/l	89
6) Chloroethane	2.92	64	31247	10.827	ug/l	92
7) Trichlorofluoromethane	3.27	101	65504	11.663	ug/l	97
8) Diethyl Ether	3.71	74	10093	10.860	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	17523m	10.674	ug/l	
10) Methyl Iodide	4.29	142	21070	10.542	ug/l	96
11) Tert butyl alcohol	5.26	59	8636	59.585	ug/l #	83
12) 1,1-Dichloroethene	4.05	96	17396	10.460	ug/l	84
13) Acrolein	3.91	56	8289	47.595	ug/l #	79
14) Allyl chloride	4.71	41	29237	11.004	ug/l	99
15) Acrylonitrile	5.43	53	22282	54.987	ug/l	94
16) Acetone	4.17	43	24700	56.413	ug/l #	88
17) Carbon Disulfide	4.40	76	61335	10.818	ug/l #	94
18) Methyl Acetate	4.73	43	10580	10.392	ug/l #	49
19) Methyl tert-butyl Ether	5.49	73	43088	10.291	ug/l	95
20) Methylene Chloride	4.97	84	28255	11.315	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	21376	10.946	ug/l	93
22) Diisopropyl ether	6.37	45	61621	11.306	ug/l #	94
23) Vinyl Acetate	6.31	43	180440	55.655	ug/l	97
24) 1,1-Dichloroethane	6.26	63	35228	10.586	ug/l	98
25) 2-Butanone	7.23	43	30742	55.300	ug/l #	88
26) 2,2-Dichloropropane	7.22	77	33540	10.897	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	25445	11.672	ug/l	95
28) Bromochloromethane	7.54	49	11173	8.731	ug/l	99
29) Tetrahydrofuran	7.57	42	20634	63.523	ug/l #	89
30) Chloroform	7.71	83	39412	10.961	ug/l	90
31) Cyclohexane	7.98	56	35089	10.743	ug/l #	80
32) 1,1,1-Trichloroethane	7.90	97	32175	9.923	ug/l	96
36) 1,1-Dichloropropene	8.11	75	28765	10.525	ug/l	97
37) Ethyl Acetate	7.29	43	14270	12.232	ug/l	99
38) Carbon Tetrachloride	8.10	117	29533	10.454	ug/l #	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100219\
 Data File : VD063863.D
 Acq On : 02 Oct 2019 16:49
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00g/5.00mL/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 10/3/2019 12:54:54 PM

Quant Time: Oct 03 03:39:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 03 03:24:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	35925	10.586	ug/l	93
40) Benzene	8.35	78	85500	11.283	ug/l	99
41) Methacrylonitrile	7.53	41	7033	10.661	ug/l	89
42) 1,2-Dichloroethane	8.43	62	25663	11.561	ug/l	92
43) Isopropyl Acetate	8.46	43	26274	11.415	ug/l	97
44) Trichloroethene	9.11	130	24207	11.010	ug/l	88
45) 1,2-Dichloropropane	9.39	63	22002	11.736	ug/l	94
46) Dibromomethane	9.48	93	11785	11.118	ug/l	98
47) Bromodichloromethane	9.67	83	29404	10.800	ug/l	92
48) Methyl methacrylate	9.46	41	13280	12.658	ug/l	92
49) 1,4-Dioxane	9.47	88	3439	229.053	ug/l #	78
51) 4-Methyl-2-Pentanone	10.23	43	68071	58.311	ug/l	97
52) Toluene	10.40	92	58413	11.343	ug/l	95
53) t-1,3-Dichloropropene	10.62	75	29810	11.038	ug/l #	84
54) cis-1,3-Dichloropropene	10.09	75	33387	10.917	ug/l #	93
55) 1,1,2-Trichloroethane	10.80	97	17109	11.465	ug/l #	91
56) Ethyl methacrylate	10.66	69	21429	11.262	ug/l	99
57) 1,3-Dichloropropane	10.94	76	28740	11.259	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	44311	52.125	ug/l	99
59) 2-Hexanone	10.98	43	47386	55.973	ug/l	97
60) Dibromochloromethane	11.14	129	20699	10.499	ug/l	93
61) 1,2-Dibromoethane	11.24	107	15620	10.432	ug/l	92
64) Tetrachloroethene	10.87	164	21705	10.845	ug/l #	79
65) Chlorobenzene	11.67	112	60807	10.133	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	23073	10.479	ug/l	94
67) Ethyl Benzene	11.74	91	110969	10.289	ug/l	98
68) m/p-Xylenes	11.86	106	84088	20.202	ug/l	96
69) o-Xylene	12.18	106	41818	10.674	ug/l	96
70) Styrene	12.20	104	68414	10.281	ug/l	98
71) Bromoform	12.36	173	11805	9.695	ug/l #	86
73) Isopropylbenzene	12.48	105	108530	10.311	ug/l	99
74) N-amyl acetate	12.29	43	26463	11.449	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	21549	12.233	ug/l	93
76) 1,2,3-Trichloropropane	12.78	75	10184m	8.678	ug/l	
77) Bromobenzene	12.76	156	26577	10.450	ug/l	95
78) n-propylbenzene	12.82	91	128911	10.401	ug/l	100
79) 2-Chlorotoluene	12.91	91	71008	10.634	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	91409	10.424	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	5512	9.358	ug/l #	85
82) 4-Chlorotoluene	13.00	91	76368	10.682	ug/l	100
83) tert-Butylbenzene	13.22	119	78725	10.234	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	92618	10.400	ug/l	99
85) sec-Butylbenzene	13.40	105	110387	10.353	ug/l	97
86) p-Isopropyltoluene	13.51	119	101919	10.204	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	52057	10.445	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	52500	10.554	ug/l	96
89) n-Butylbenzene	13.84	91	96830	10.220	ug/l	98
90) Hexachloroethane	14.11	117	17057	9.236	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	46152	10.750	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	3614	11.890	ug/l	93

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100219\
Data File : VD063863.D
Acq On : 02 Oct 2019 16:49
Operator : VA/SY
Sample : VSTDICC010
Misc : 5.00g/5.00mL/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

MMDadoda
10/3/2019 12:54:54 PM

Quant Time: Oct 03 03:39:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 03 03:24:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	34499	10.611	ug/l	98
94) Hexachlorobutadiene	15.26	225	18781	10.207	ug/l	97
95) Naphthalene	15.40	128	58006	9.903	ug/l	97
96) 1,2,3-Trichlorobenzene	15.59	180	29816	10.337	ug/l	94

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

