

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082120\
 Data File : VD066353.D
 Acq On : 21 Aug 2020 11:25
 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
 8/24/2020 4:36:31 PM

Quant Time: Aug 21 13:37:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 12:48:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	248909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	348474	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	324236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	168459	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	22331	9.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.80%	
35) Dibromofluoromethane	7.91	113	20750	9.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.88%	
50) Toluene-d8	10.34	98	75054	9.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.54%	
62) 4-Bromofluorobenzene	12.63	95	26378	9.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	23623	10.734	ug/l	93
3) Chloromethane	2.21	50	15910	9.412	ug/l	94
4) Vinyl Chloride	2.35	62	16753	10.899	ug/l #	88
5) Bromomethane	2.77	94	12659	12.259	ug/l	97
6) Chloroethane	2.93	64	11327	11.907	ug/l	95
7) Trichlorofluoromethane	3.27	101	44258	10.970	ug/l	95
8) Diethyl Ether	3.70	74	9636	8.825	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	22423	9.700	ug/l	99
10) Methyl Iodide	4.30	142	22112	11.716	ug/l	99
11) Tert butyl alcohol	5.23	59	9539m	42.617	ug/l	
12) 1,1-Dichloroethene	4.07	96	20341	9.298	ug/l	95
13) Acrolein	3.91	56	5798m	34.530	ug/l	
14) Allyl chloride	4.71	41	26683	8.213	ug/l	96
15) Acrylonitrile	5.42	53	18817	41.145	ug/l	97
16) Acetone	4.16	43	20569	48.670	ug/l	100
17) Carbon Disulfide	4.41	76	62745	9.075	ug/l	95
18) Methyl Acetate	4.72	43	8173	7.836	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	45719	9.033	ug/l	95
20) Methylene Chloride	4.97	84	35325	12.362	ug/l #	88
21) trans-1,2-Dichloroethene	5.48	96	22947	9.144	ug/l	94
22) Diisopropyl ether	6.36	45	50304	7.831	ug/l	94
23) Vinyl Acetate	6.30	43	153561	40.519	ug/l	99
24) 1,1-Dichloroethane	6.27	63	37171	9.209	ug/l	99
25) 2-Butanone	7.21	43	23117	38.280	ug/l #	89
26) 2,2-Dichloropropane	7.20	77	39768	10.612	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	25647	9.709	ug/l	98
28) Bromochloromethane	7.54	49	12901	9.127	ug/l	88
29) Tetrahydrofuran	7.56	42	13574	36.832	ug/l	98
30) Chloroform	7.71	83	43556	10.078	ug/l	98
31) Cyclohexane	7.98	56	36638	9.580	ug/l #	94
32) 1,1,1-Trichloroethane	7.90	97	43740	10.660	ug/l	97
36) 1,1-Dichloropropene	8.11	75	33314	10.205	ug/l	98
37) Ethyl Acetate	7.29	43	10792	8.460	ug/l #	92
38) Carbon Tetrachloride	8.09	117	43017	11.439	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082120\
 Data File : VD066353.D
 Acq On : 21 Aug 2020 11:25
 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
 8/24/2020 4:36:31 PM

Quant Time: Aug 21 13:37:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 12:48:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	35905	9.060	ug/l	94
40) Benzene	8.35	78	85785	9.492	ug/l	99
41) Methacrylonitrile	7.52	41	6560m	8.593	ug/l	
42) 1,2-Dichloroethane	8.42	62	29904	10.927	ug/l	98
43) Isopropyl Acetate	8.44	43	20556	8.169	ug/l	95
44) Trichloroethene	9.11	130	28311	10.308	ug/l	97
45) 1,2-Dichloropropane	9.38	63	18502	8.461	ug/l	100
46) Dibromomethane	9.47	93	11609	9.507	ug/l	98
47) Bromodichloromethane	9.66	83	32347	9.927	ug/l	97
48) Methyl methacrylate	9.45	41	10868	8.583	ug/l	94
49) 1,4-Dioxane	9.45	88	3047	195.017	ug/l #	75
51) 4-Methyl-2-Pentanone	10.23	43	50567	39.489	ug/l	99
52) Toluene	10.40	92	59057	9.896	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	29894	9.671	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	35047	9.743	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	16113	9.226	ug/l	94
56) Ethyl methacrylate	10.66	69	17550	8.412	ug/l	95
57) 1,3-Dichloropropane	10.95	76	26304	9.093	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	38183	41.249	ug/l	99
59) 2-Hexanone	10.98	43	35785	39.636	ug/l	96
60) Dibromochloromethane	11.14	129	25586	10.513	ug/l	95
61) 1,2-Dibromoethane	11.24	107	15762	9.406	ug/l	96
64) Tetrachloroethene	10.87	164	24273	9.686	ug/l #	81
65) Chlorobenzene	11.67	112	64297	9.708	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	26441	10.171	ug/l	99
67) Ethyl Benzene	11.74	91	113212	9.826	ug/l	96
68) m/p-Xylenes	11.86	106	85152	19.169	ug/l	93
69) o-Xylene	12.18	106	42144	10.446	ug/l	91
70) Styrene	12.20	104	68322	9.673	ug/l	98
71) Bromoform	12.36	173	14587	9.520	ug/l #	99
73) Isopropylbenzene	12.48	105	111363	9.855	ug/l	99
74) N-amyl acetate	12.28	43	19008	7.873	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.73	83	15630	8.294	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	11527m	8.295	ug/l	
77) Bromobenzene	12.76	156	27271	9.370	ug/l	95
78) n-propylbenzene	12.82	91	130922	9.991	ug/l	97
79) 2-Chlorotoluene	12.91	91	73263	9.799	ug/l	96
80) 1,3,5-Trimethylbenzene	12.96	105	98062	10.311	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	5169	8.238	ug/l	92
82) 4-Chlorotoluene	13.01	91	78319	9.892	ug/l	99
83) tert-Butylbenzene	13.23	119	83562	10.056	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	96568	10.209	ug/l	100
85) sec-Butylbenzene	13.41	105	112281	10.021	ug/l	100
86) p-Isopropyltoluene	13.52	119	106380	10.070	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	52975	9.698	ug/l	96
88) 1,4-Dichlorobenzene	13.60	146	55841	10.279	ug/l	99
89) n-Butylbenzene	13.84	91	92480	9.802	ug/l	100
90) Hexachloroethane	14.12	117	22249	10.583	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	46727	9.726	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	3540	10.644	ug/l	86

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082120\
Data File : VD066353.D
Acq On : 21 Aug 2020 11:25
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
8/24/2020 4:36:31 PM

Quant Time: Aug 21 13:37:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 12:48:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	34016	9.519	ug/l	97
94) Hexachlorobutadiene	15.28	225	21555	10.116	ug/l	97
95) Naphthalene	15.41	128	51055	8.837	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	30190	9.601	ug/l	99

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

