

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080520\
 Data File : VD066124.D
 Acq On : 05 Aug 2020 11:30
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 8/6/2020 1:54:18 PM

Quant Time: Aug 05 13:43:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:31:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	356242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	508855	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	473756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	243178	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	57152	17.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.90%	
35) Dibromofluoromethane	7.91	113	60791	18.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.38%	
50) Toluene-d8	10.34	98	219454	18.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.94%	
62) 4-Bromofluorobenzene	12.63	95	79838	18.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.98%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.99	85	72179	21.798	ug/l 96
3) Chloromethane	2.20	50	53234	20.431	ug/l 89
4) Vinyl Chloride	2.34	62	45609	20.453	ug/l 96
5) Bromomethane	2.74	94	28033	18.384	ug/l 93
6) Chloroethane	2.90	64	26459	19.048	ug/l 96
7) Trichlorofluoromethane	3.26	101	112175	19.311	ug/l 97
8) Diethyl Ether	3.70	74	30700	19.366	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	66087	19.239	ug/l 97
10) Methyl Iodide	4.29	142	41553	19.701	ug/l 98
11) Tert butyl alcohol	5.23	59	30200	79.698	ug/l 96
12) 1,1-Dichloroethene	4.06	96	62673	19.440	ug/l 97
13) Acrolein	3.92	56	24927	96.836	ug/l 99
14) Allyl chloride	4.70	41	94158	19.459	ug/l 99
15) Acrylonitrile	5.42	53	64635	96.970	ug/l 97
16) Acetone	4.16	43	53333	87.090	ug/l 94
17) Carbon Disulfide	4.40	76	200552	19.540	ug/l 99
18) Methyl Acetate	4.71	43	28777	18.322	ug/l 99
19) Methyl tert-butyl Ether	5.47	73	142069	19.670	ug/l 99
20) Methylene Chloride	4.96	84	82707	18.311	ug/l 95
21) trans-1,2-Dichloroethene	5.47	96	72020	19.407	ug/l 93
22) Diisopropyl ether	6.36	45	188560	19.718	ug/l 96
23) Vinyl Acetate	6.30	43	543131	98.141	ug/l 99
24) 1,1-Dichloroethane	6.26	63	115369	19.338	ug/l 98
25) 2-Butanone	7.21	43	85727	94.622	ug/l 97
26) 2,2-Dichloropropane	7.20	77	102767	18.817	ug/l 99
27) cis-1,2-Dichloroethene	7.21	96	73569	19.157	ug/l 98
28) Bromochloromethane	7.54	49	40470	19.410	ug/l 100
29) Tetrahydrofuran	7.56	42	52728	95.749	ug/l 99
30) Chloroform	7.71	83	119152	18.977	ug/l 100
31) Cyclohexane	7.97	56	107062	18.405	ug/l 96
32) 1,1,1-Trichloroethane	7.90	97	114368	19.466	ug/l 100
36) 1,1-Dichloropropene	8.11	75	96641	19.676	ug/l 99
37) Ethyl Acetate	7.28	43	34544	18.124	ug/l 98
38) Carbon Tetrachloride	8.09	117	107143	19.622	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080520\
 Data File : VD066124.D
 Acq On : 05 Aug 2020 11:30
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 8/6/2020 1:54:18 PM

Quant Time: Aug 05 13:43:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:31:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	115650	19.843	ug/l	94
40) Benzene	8.34	78	266270	19.536	ug/l	95
41) Methacrylonitrile	7.52	41	23387	21.533	ug/l	92
42) 1,2-Dichloroethane	8.42	62	74603	18.741	ug/l	99
43) Isopropyl Acetate	8.44	43	73642	19.772	ug/l	98
44) Trichloroethene	9.11	130	81933	20.117	ug/l	96
45) 1,2-Dichloropropane	9.38	63	64551	19.564	ug/l	98
46) Dibromomethane	9.47	93	34850	19.210	ug/l	96
47) Bromodichloromethane	9.66	83	92036	19.185	ug/l	97
48) Methyl methacrylate	9.45	41	37692	19.213	ug/l	99
49) 1,4-Dioxane	9.46	88	9278	398.763	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	186961	96.328	ug/l	100
52) Toluene	10.40	92	172997	19.393	ug/l	95
53) t-1,3-Dichloropropene	10.62	75	88194	19.623	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	104378	19.865	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	49122	18.580	ug/l	96
56) Ethyl methacrylate	10.66	69	59814	19.723	ug/l	98
57) 1,3-Dichloropropane	10.94	76	85828	19.741	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	136532	98.951	ug/l	98
59) 2-Hexanone	10.98	43	132014	97.267	ug/l	96
60) Dibromochloromethane	11.14	129	69215	19.124	ug/l	98
61) 1,2-Dibromoethane	11.24	107	49941	19.921	ug/l	98
64) Tetrachloroethene	10.87	164	73178	19.707	ug/l	96
65) Chlorobenzene	11.67	112	193907	19.721	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	74746	19.337	ug/l	98
67) Ethyl Benzene	11.74	91	334053	19.797	ug/l	99
68) m/p-Xylenes	11.86	106	261368	39.828	ug/l	99
69) o-Xylene	12.18	106	117609	19.917	ug/l	100
70) Styrene	12.20	104	210083	20.196	ug/l	100
71) Bromoform	12.36	173	43719	19.223	ug/l #	99
73) Isopropylbenzene	12.48	105	331375	20.246	ug/l	100
74) N-amyl acetate	12.29	43	69931	19.860	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	54493	19.198	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	43986m	21.847	ug/l	
77) Bromobenzene	12.76	156	84757	19.944	ug/l	99
78) n-propylbenzene	12.83	91	383892	20.079	ug/l	99
79) 2-Chlorotoluene	12.91	91	217762	19.862	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	276258	20.149	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	17376	18.896	ug/l	97
82) 4-Chlorotoluene	13.01	91	228208	19.650	ug/l	99
83) tert-Butylbenzene	13.23	119	243042	20.251	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	279155	20.246	ug/l	99
85) sec-Butylbenzene	13.41	105	323288	19.865	ug/l	98
86) p-Isopropyltoluene	13.52	119	310673	20.297	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	158808	19.641	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	157740	19.636	ug/l	98
89) n-Butylbenzene	13.85	91	272985	20.109	ug/l	99
90) Hexachloroethane	14.11	117	60235	19.697	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	140427	19.693	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9605	19.882	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080520\
Data File : VD066124.D
Acq On : 05 Aug 2020 11:30
Operator : VA/SY
Sample : VSTDICC020
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

MMDadoda
8/6/2020 1:54:18 PM

Quant Time: Aug 05 13:43:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:31:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	101525	19.838	ug/l	100
94) Hexachlorobutadiene	15.28	225	59573	19.603	ug/l	98
95) Naphthalene	15.41	128	162668	20.148	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	90128	19.887	ug/l	98

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

