

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070720\
 Data File : VD065924.D
 Acq On : 07 Jul 2020 15:28
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:05:30 PM

Quant Time: Jul 08 09:42:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:18:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	435431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	648766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	599723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	290273	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	372021	96.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.82%	
35) Dibromofluoromethane	7.91	113	395711	98.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.74%	
50) Toluene-d8	10.34	98	1451796	99.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.84%	
62) 4-Bromofluorobenzene	12.64	95	502470	100.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	346227	89.441	ug/l	97
3) Chloromethane	2.21	50	356033	92.779	ug/l	98
4) Vinyl Chloride	2.35	62	333718	94.713	ug/l	97
5) Bromomethane	2.76	94	201660	90.354	ug/l	97
6) Chloroethane	2.92	64	202204	96.003	ug/l	93
7) Trichlorofluoromethane	3.27	101	720803	95.449	ug/l	100
8) Diethyl Ether	3.71	74	208166	100.479	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	431045	95.426	ug/l	99
10) Methyl Iodide	4.30	142	509301	118.720	ug/l	99
11) Tert butyl alcohol	5.22	59	121303	443.741	ug/l	98
12) 1,1-Dichloroethene	4.07	96	409451	97.028	ug/l	95
13) Acrolein	3.92	56	94131	413.447	ug/l	97
14) Allyl chloride	4.71	41	720481	100.748	ug/l	99
15) Acrylonitrile	5.42	53	469164	517.227	ug/l	98
16) Acetone	4.15	43	457090	505.424	ug/l	99
17) Carbon Disulfide	4.41	76	1300253	96.702	ug/l	99
18) Methyl Acetate	4.71	43	200214	94.444	ug/l	95
19) Methyl tert-butyl Ether	5.48	73	937882	104.978	ug/l	98
20) Methylene Chloride	4.96	84	472580	73.561	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	461421	97.185	ug/l	99
22) Diisopropyl ether	6.36	45	1350416	100.483	ug/l	98
23) Vinyl Acetate	6.30	43	4049915	527.946	ug/l	99
24) 1,1-Dichloroethane	6.26	63	793425	99.009	ug/l	100
25) 2-Butanone	7.21	43	614372	514.103	ug/l	94
26) 2,2-Dichloropropane	7.21	77	682322	97.328	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	508229	99.626	ug/l	99
28) Bromochloromethane	7.54	49	279238	92.241	ug/l	100
29) Tetrahydrofuran	7.56	42	387171	509.502	ug/l	99
30) Chloroform	7.71	83	800847	98.576	ug/l	99
31) Cyclohexane	7.98	56	731187	92.734	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	728910	98.316	ug/l	99
36) 1,1-Dichloropropene	8.11	75	641914	100.182	ug/l	98
37) Ethyl Acetate	7.29	43	276273	102.905	ug/l	97
38) Carbon Tetrachloride	8.10	117	686195	99.915	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070720\
 Data File : VD065924.D
 Acq On : 07 Jul 2020 15:28
 Operator : VA/SY
 Sample : VSTDIC100
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:05:30 PM

Quant Time: Jul 08 09:42:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:18:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	813688	103.436	ug/l	98
40) Benzene	8.35	78	1788523	101.038	ug/l	99
41) Methacrylonitrile	7.53	41	170808m	107.040	ug/l	
42) 1,2-Dichloroethane	8.43	62	500430	99.792	ug/l	99
43) Isopropyl Acetate	8.45	43	534322	106.923	ug/l	100
44) Trichloroethene	9.11	130	518918	99.772	ug/l	96
45) 1,2-Dichloropropane	9.39	63	443470	100.938	ug/l	99
46) Dibromomethane	9.48	93	232150	101.493	ug/l	99
47) Bromodichloromethane	9.66	83	622815	101.507	ug/l	99
48) Methyl methacrylate	9.46	41	274967	109.299	ug/l	98
49) 1,4-Dioxane	9.46	88	57361	2110.548	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	1336430	528.973	ug/l	99
52) Toluene	10.41	92	1145918	101.754	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	607745	105.343	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	732333	105.051	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	322649	102.379	ug/l	100
56) Ethyl methacrylate	10.66	69	428161	111.233	ug/l	98
57) 1,3-Dichloropropane	10.95	76	571702	103.731	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	913826	490.204	ug/l	100
59) 2-Hexanone	10.98	43	932058	536.423	ug/l	99
60) Dibromochloromethane	11.14	129	437513	101.612	ug/l	100
61) 1,2-Dibromoethane	11.25	107	319164	101.574	ug/l	98
64) Tetrachloroethene	10.88	164	436008	99.971	ug/l	97
65) Chlorobenzene	11.67	112	1205035	99.708	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	454545	100.556	ug/l	100
67) Ethyl Benzene	11.75	91	2167911	100.973	ug/l	100
68) m/p-Xylenes	11.86	106	1648084	202.042	ug/l	100
69) o-Xylene	12.18	106	776703	104.526	ug/l	99
70) Styrene	12.20	104	1305806	101.799	ug/l	99
71) Bromoform	12.37	173	260791	101.959	ug/l #	100
73) Isopropylbenzene	12.48	105	2105654	103.940	ug/l	99
74) N-amyl acetate	12.29	43	487685	107.281	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	345752	102.802	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	239707m	98.845	ug/l	
77) Bromobenzene	12.76	156	502502	102.269	ug/l	99
78) n-propylbenzene	12.83	91	2426667	102.171	ug/l	99
79) 2-Chlorotoluene	12.91	91	1376197	102.137	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	1704191	102.848	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	121469	107.187	ug/l	99
82) 4-Chlorotoluene	13.01	91	1427862	101.004	ug/l	99
83) tert-Butylbenzene	13.23	119	1480067	104.842	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	1690485	102.490	ug/l	99
85) sec-Butylbenzene	13.40	105	2075753	103.753	ug/l	99
86) p-Isopropyltoluene	13.52	119	1898744	103.762	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	930535	101.208	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	920105	100.310	ug/l	100
89) n-Butylbenzene	13.85	91	1774145	103.244	ug/l	99
90) Hexachloroethane	14.11	117	373182	101.130	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	818446	101.847	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	58673	104.329	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070720\
Data File : VD065924.D
Acq On : 07 Jul 2020 15:28
Operator : VA/SY
Sample : VSTDICC100
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
7/8/2020 12:05:30 PM

Quant Time: Jul 08 09:42:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:18:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	608674	106.276	ug/l	97
94) Hexachlorobutadiene	15.27	225	358155	103.381	ug/l	99
95) Naphthalene	15.40	128	1064886	110.863	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	519729	105.206	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070720\
Data File : VD065924.D
Acq On : 07 Jul 2020 15:28
Operator : VA/SY
Sample : VSTDICC100
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
7/8/2020 12:05:30 PM

Quant Time: Jul 08 09:42:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:18:56 2020
Response via : Initial Calibration

