

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062121\
 Data File : VD069492.D
 Acq On : 21 Jun 2021 10:17
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 6/22/2021 6:12:00 PM

Quant Time: Jun 22 04:03:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:03:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	522259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	944824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	868289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	399606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	37493	5.894	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	11.780%#		
35) Dibromofluoromethane	7.914	113	33351	5.225	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.440%#		
50) Toluene-d8	10.337	98	116229	4.874	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	9.740%#		
62) 4-Bromofluorobenzene	12.626	95	38174	4.889	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	9.780%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	31844	6.409	ug/l	97
3) Chloromethane	2.208	50	46349	6.402	ug/l	96
4) Vinyl Chloride	2.350	62	48265	5.915	ug/l	92
5) Bromomethane	2.761	94	35072	6.631	ug/l	92
6) Chloroethane	2.914	64	33294	6.164	ug/l	93
7) Trichlorofluoromethane	3.273	101	56602	5.837	ug/l	99
8) Diethyl Ether	3.708	74	12611	4.936	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.091	101	36133	6.127	ug/l	97
10) Methyl Iodide	4.297	142	19895	4.297	ug/l #	91
11) Tert butyl alcohol	5.202	59	20528m	46.120	ug/l	
12) 1,1-Dichloroethene	4.067	96	28010	5.357	ug/l	89
13) Acrolein	3.914	56	7843	22.027	ug/l	95
14) Allyl chloride	4.708	41	37438	5.227	ug/l	93
15) Acrylonitrile	5.420	53	27265	25.435	ug/l #	92
16) Acetone	4.155	43	33709	30.671	ug/l	94
17) Carbon Disulfide	4.408	76	99061	5.797	ug/l	97
18) Methyl Acetate	4.720	43	21966	7.271	ug/l	99
19) Methyl tert-butyl Ether	5.467	73	48453	4.860	ug/l #	87
20) Methylene Chloride	4.967	84	74996	8.443	ug/l	97
21) trans-1,2-Dichloroethene	5.479	96	34582	5.609	ug/l	88
22) Diisopropyl ether	6.361	45	64067	4.422	ug/l	94
23) Vinyl Acetate	6.302	43	146358m	18.506	ug/l	
24) 1,1-Dichloroethane	6.273	63	63638	5.545	ug/l	93
25) 2-Butanone	7.214	43	35489	26.011	ug/l	97
26) 2,2-Dichloropropane	7.208	77	52464	5.617	ug/l	98
27) cis-1,2-Dichloroethene	7.202	96	35164	5.224	ug/l	98
28) Bromochloromethane	7.549	49	24902	5.497	ug/l	99
29) Tetrahydrofuran	7.567	42	17955	23.903	ug/l	99
30) Chloroform	7.708	83	69212	5.726	ug/l	93
31) Cyclohexane	7.985	56	52879	6.068	ug/l #	86
32) 1,1,1-Trichloroethane	7.902	97	55205	5.501	ug/l	97
36) 1,1-Dichloropropene	8.102	75	48024	5.170	ug/l	99
37) Ethyl Acetate	7.296	43	17738m	5.256	ug/l	
38) Carbon Tetrachloride	8.096	117	49488	5.384	ug/l	95
39) Methylcyclohexane	9.349	83	43262	4.672	ug/l	93
40) Benzene	8.349	78	139044	5.241	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062121\
 Data File : VD069492.D
 Acq On : 21 Jun 2021 10:17
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 6/22/2021 6:12:00 PM

Quant Time: Jun 22 04:03:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:03:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	12551	6.605	ug/l #	71
42) 1,2-Dichloroethane	8.426	62	41615	5.426	ug/l	98
43) Isopropyl Acetate	8.449	43	29078	4.708	ug/l #	56
44) Trichloroethene	9.114	130	36573	5.446	ug/l	97
45) 1,2-Dichloropropane	9.385	63	35667	5.239	ug/l	94
46) Dibromomethane	9.473	93	18349	5.114	ug/l	93
47) Bromodichloromethane	9.655	83	50725	5.275	ug/l #	86
48) Methyl methacrylate	9.455	41	12289	4.173	ug/l #	90
49) 1,4-Dioxane	9.461	88	3169	90.530	ug/l #	82
51) 4-Methyl-2-Pentanone	10.226	43	74176	22.755	ug/l	94
52) Toluene	10.402	92	80456	4.910	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	40733	4.934	ug/l	100
54) cis-1,3-Dichloropropene	10.090	75	48303	4.855	ug/l	92
55) 1,1,2-Trichloroethane	10.796	97	26611	5.331	ug/l	95
56) Ethyl methacrylate	10.655	69	23224	4.380	ug/l	96
57) 1,3-Dichloropropane	10.943	76	44874	5.358	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.937	63	57980	20.447	ug/l	99
59) 2-Hexanone	10.984	43	49182	22.456	ug/l	91
60) Dibromochloromethane	11.131	129	31232	5.290	ug/l	98
61) 1,2-Dibromoethane	11.243	107	22944	4.894	ug/l	92
64) Tetrachloroethene	10.873	164	30115	5.474	ug/l	88
65) Chlorobenzene	11.661	112	94768	5.532	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.737	131	33137	5.320	ug/l	97
67) Ethyl Benzene	11.737	91	144987	4.836	ug/l	94
68) m/p-Xylenes	11.843	106	105130	9.268	ug/l	99
69) o-Xylene	12.178	106	45594	4.503	ug/l	99
70) Styrene	12.190	104	77426	4.326	ug/l	99
71) Bromoform	12.355	173	16780	5.311	ug/l #	99
73) Isopropylbenzene	12.473	105	125614	4.598	ug/l	99
74) N-amyl acetate	12.278	43	24378	4.430	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.726	83	29713	5.428	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	20740m	5.878	ug/l	
77) Bromobenzene	12.749	156	30943	4.937	ug/l	97
78) n-propylbenzene	12.814	91	158684	4.616	ug/l	97
79) 2-Chlorotoluene	12.902	91	91391	4.658	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	101369	4.403	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.526	75	7585	4.976	ug/l	94
82) 4-Chlorotoluene	13.002	91	98645	4.669	ug/l	97
83) tert-Butylbenzene	13.214	119	80542	4.266	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	101683	4.445	ug/l	99
85) sec-Butylbenzene	13.390	105	127515	4.400	ug/l	98
86) p-Isopropyltoluene	13.508	119	103163	4.250	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	67297	5.283	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	68684	5.403	ug/l	93
89) n-Butylbenzene	13.831	91	111501	4.587	ug/l	95
90) Hexachloroethane	14.102	117	26270	5.535	ug/l	93
91) 1,2-Dichlorobenzene	13.884	146	55821	5.045	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.496	75	4557	5.528	ug/l	94
93) 1,2,4-Trichlorobenzene	15.149	180	30282	4.949	ug/l	97
94) Hexachlorobutadiene	15.255	225	21425	5.549	ug/l	96
95) Naphthalene	15.390	128	43987	4.021	ug/l	98
96) 1,2,3-Trichlorobenzene	15.578	180	25910	4.783	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062121\
Data File : VD069492.D
Acq On : 21 Jun 2021 10:17
Operator : VA/SY
Sample : VSTDIC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
6/22/2021 6:12:00 PM

Quant Time: Jun 22 04:03:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 22 04:03:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062121\
Data File : VD069492.D
Acq On : 21 Jun 2021 10:17
Operator : VA/SY
Sample : VSTDIC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
6/22/2021 6:12:00 PM

Quant Time: Jun 22 04:03:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 22 04:03:00 2021
Response via : Initial Calibration

