

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101123\
 Data File : VD077308.D
 Acq On : 11 Oct 2023 15:51
 Operator : JC/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 12 08:56:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 04:48:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
 Supervised By :Semsettin Yesilyurt 10/16/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	245397	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	458682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	412551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	184125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	9659	4.920	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	9.840%	#	
35) Dibromofluoromethane	7.799	113	11442	4.696	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.400%	#	
50) Toluene-d8	10.269	98	35686	4.454	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	8.900%	#	
62) 4-Bromofluorobenzene	12.575	95	12978	4.823	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	9.640%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	12011	5.269	ug/l	89
3) Chloromethane	2.146	50	17869	4.950	ug/l	95
4) Vinyl Chloride	2.281	62	20366	5.171	ug/l	93
5) Bromomethane	2.687	94	14285	5.158	ug/l	98
6) Chloroethane	2.834	64	12846	4.941	ug/l	93
7) Trichlorofluoromethane	3.175	101	22330	5.483	ug/l	96
8) Diethyl Ether	3.593	74	7213	5.081	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.975	101	14377	4.903	ug/l	97
10) Methyl Iodide	4.164	142	14475	3.996	ug/l	# 89
11) Tert butyl alcohol	5.046	59	3383	22.765	ug/l	# 73
12) 1,1-Dichloroethene	3.946	96	13378	4.725	ug/l	88
13) Acrolein	3.793	56	1823	10.520	ug/l	# 69
14) Allyl chloride	4.563	41	16038	4.119	ug/l	92
15) Acrylonitrile	5.258	53	15584	22.303	ug/l	98
16) Acetone	4.022	43	16637	27.383	ug/l	87
17) Carbon Disulfide	4.269	76	39364	4.607	ug/l	# 94
18) Methyl Acetate	4.558	43	11216	4.644	ug/l	# 85
19) Methyl tert-butyl Ether	5.322	73	26299	4.162	ug/l	94
20) Methylene Chloride	4.793	84	60593	4.886	ug/l	# 87
21) trans-1,2-Dichloroethene	5.311	96	16492	4.878	ug/l	86
22) Diisopropyl ether	6.210	45	36497	4.138	ug/l	# 91
23) Vinyl Acetate	6.152	43	82834	20.042	ug/l	# 92
24) 1,1-Dichloroethane	6.110	63	27385	4.670	ug/l	95
25) 2-Butanone	7.081	43	17854	22.059	ug/l	90
26) 2,2-Dichloropropane	7.081	77	21557	4.572	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	17182	4.540	ug/l	95
28) Bromochloromethane	7.410	49	10368	4.467	ug/l	# 78
29) Tetrahydrofuran	7.434	42	10131	20.981	ug/l	87
30) Chloroform	7.593	83	28476	4.739	ug/l	99
31) Cyclohexane	7.875	56	24198	5.190	ug/l	# 83
32) 1,1,1-Trichloroethane	7.793	97	22859	4.744	ug/l	97
36) 1,1-Dichloropropene	8.004	75	20559	4.654	ug/l	95
37) Ethyl Acetate	7.163	43	8116	4.379	ug/l	# 88
38) Carbon Tetrachloride	7.987	117	18345	4.578	ug/l	99
39) Methylcyclohexane	9.269	83	21738	4.367	ug/l	95
40) Benzene	8.252	78	61656	4.524	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101123\
 Data File : VD077308.D
 Acq On : 11 Oct 2023 15:51
 Operator : JC/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
 Supervised By :Semsettin Yesilyurt 10/16/2023

Quant Time: Oct 12 08:56:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 04:48:21 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	3857	3.853	ug/l	90
42) 1,2-Dichloroethane	8.322	62	15885	4.849	ug/l	95
43) Isopropyl Acetate	8.357	43	13458	4.098	ug/l #	84
44) Trichloroethene	9.028	130	16416	4.916	ug/l	99
45) 1,2-Dichloropropane	9.304	63	15666	4.470	ug/l	95
46) Dibromomethane	9.399	93	8568	4.664	ug/l #	85
47) Bromodichloromethane	9.587	83	20519	4.555	ug/l	93
48) Methyl methacrylate	9.375	41	6342	4.192	ug/l #	82
49) 1,4-Dioxane	9.387	88	1247	69.523	ug/l #	75
51) 4-Methyl-2-Pentanone	10.157	43	33695	19.631	ug/l	92
52) Toluene	10.334	92	36089	4.339	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	17924	4.244	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	22542	4.304	ug/l #	87
55) 1,1,2-Trichloroethane	10.728	97	11241	4.502	ug/l	94
56) Ethyl methacrylate	10.598	69	10910	5.106	ug/l	94
57) 1,3-Dichloropropane	10.881	76	19170	4.446	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	23787	26.535	ug/l	89
59) 2-Hexanone	10.922	43	24052	19.815	ug/l	90
60) Dibromochloromethane	11.075	129	12661	4.439	ug/l	97
61) 1,2-Dibromoethane	11.181	107	10155	4.455	ug/l	91
64) Tetrachloroethene	10.810	164	13302	5.051	ug/l	93
65) Chlorobenzene	11.610	112	39786	4.637	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	14705	4.859	ug/l	93
67) Ethyl Benzene	11.681	91	67918	4.436	ug/l	94
68) m/p-Xylenes	11.793	106	50446	8.561	ug/l	88
69) o-Xylene	12.122	106	23458	4.301	ug/l	94
70) Styrene	12.134	104	38584	4.083	ug/l	97
71) Bromoform	12.298	173	6664	4.338	ug/l #	96
73) Isopropylbenzene	12.422	105	59289	4.360	ug/l	97
74) N-amyl acetate	12.234	43	11850	4.144	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.669	83	12900	4.727	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	9108m	4.502	ug/l	
77) Bromobenzene	12.704	156	14469	4.651	ug/l	85
78) n-propylbenzene	12.763	91	76374	4.429	ug/l	95
79) 2-Chlorotoluene	12.851	91	40612	4.369	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	47469	4.189	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	3598	4.241	ug/l	100
82) 4-Chlorotoluene	12.945	91	43973	4.477	ug/l	97
83) tert-Butylbenzene	13.163	119	40201	4.247	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	47918	4.222	ug/l	97
85) sec-Butylbenzene	13.345	105	63909	4.330	ug/l	95
86) p-Isopropyltoluene	13.463	119	48639	4.011	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	30569	4.685	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	31882	4.947	ug/l	89
89) n-Butylbenzene	13.787	91	52314	4.412	ug/l	97
90) Hexachloroethane	14.051	117	11563	4.836	ug/l	86
91) 1,2-Dichlorobenzene	13.834	146	27399	4.859	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1647	4.612	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	16418	4.827	ug/l	94
94) Hexachlorobutadiene	15.210	225	8496	4.997	ug/l	99
95) Naphthalene	15.339	128	27345	4.147	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.528	180	14547	4.840	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101123\
Data File : VD077308.D
Acq On : 11 Oct 2023 15:51
Operator : JC/SY
Sample : VSTDICC005
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

Quant Time: Oct 12 08:56:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 12 04:48:21 2023
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\VD101123\
 Data File : VD077308.D
 Acq On : 11 Oct 2023 15:51
 Operator : JC/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 10/16/2023
 Supervised By : Semsettin Yesilyurt 10/16/2023

Quant Time: Oct 12 08:56:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 04:48:21 2023
 Response via : Initial Calibration

