

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
 Data File : VD078192.D
 Acq On : 22 Jan 2024 12:47
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/23/2024
 Supervised By :Semsettin Yesilyurt 01/23/2024

Quant Time: Jan 23 05:27:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:12:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	159207	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	278702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	259141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	123665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	272302	149.822	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 299.640%#			
35) Dibromofluoromethane	7.810	113	279875	152.584	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 305.160%#			
50) Toluene-d8	10.269	98	1154001	158.890	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 317.780%#			
62) 4-Bromofluorobenzene	12.575	95	343585	163.126	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 326.260%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	217537	149.788	ug/l	97
3) Chloromethane	2.152	50	363572	149.861	ug/l	99
4) Vinyl Chloride	2.287	62	512050	135.632	ug/l	98
5) Bromomethane	2.675	94	389749	141.463	ug/l	99
6) Chloroethane	2.834	64	358462	135.930	ug/l	97
7) Trichlorofluoromethane	3.181	101	472247	137.522	ug/l	99
8) Diethyl Ether	3.593	74	145649	153.002	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.975	101	276391	138.966	ug/l	95
10) Methyl Iodide	4.169	142	331736	166.391	ug/l	91
11) Tert butyl alcohol	5.058	59	70154	784.047	ug/l	# 93
12) 1,1-Dichloroethene	3.946	96	281332	142.792	ug/l	86
13) Acrolein	3.799	56	164911	802.857	ug/l	100
14) Allyl chloride	4.564	41	383401	147.528	ug/l	# 89
15) Acrylonitrile	5.258	53	323508	757.332	ug/l	99
16) Acetone	4.022	43	306188	750.946	ug/l	87
17) Carbon Disulfide	4.275	76	880096	137.758	ug/l	96
18) Methyl Acetate	4.569	43	240004	153.486	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	647797	157.670	ug/l	98
20) Methylene Chloride	4.805	84	310005	149.377	ug/l	# 84
21) trans-1,2-Dichloroethene	5.316	96	326532	143.424	ug/l	88
22) Diisopropyl ether	6.216	45	834188	151.691	ug/l	# 94
23) Vinyl Acetate	6.158	43	2113211	779.955	ug/l	93
24) 1,1-Dichloroethane	6.116	63	539683	142.025	ug/l	96
25) 2-Butanone	7.081	43	421477	756.828	ug/l	# 85
26) 2,2-Dichloropropane	7.081	77	474427	149.041	ug/l	96
27) cis-1,2-Dichloroethene	7.087	96	369491	151.083	ug/l	92
28) Bromochloromethane	7.428	49	225448	152.118	ug/l	# 77
29) Tetrahydrofuran	7.446	42	236587	789.034	ug/l	88
30) Chloroform	7.599	83	559417	144.759	ug/l	98
31) Cyclohexane	7.881	56	465355	138.479	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	492257	147.460	ug/l	98
36) 1,1-Dichloropropene	8.010	75	451529	149.695	ug/l	96
37) Ethyl Acetate	7.169	43	166318	148.114	ug/l	# 93
38) Carbon Tetrachloride	7.993	117	445413	149.518	ug/l	99
39) Methylcyclohexane	9.275	83	563456	157.957	ug/l	95
40) Benzene	8.252	78	1310254	153.073	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
 Data File : VD078192.D
 Acq On : 22 Jan 2024 12:47
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 23 05:27:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:12:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/23/2024
 Supervised By :Semsettin Yesilyurt 01/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	90873	150.396	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	333071	149.552	ug/l	95
43) Isopropyl Acetate	8.363	43	327661	159.272	ug/l #	89
44) Trichloroethene	9.028	130	330053	150.719	ug/l	91
45) 1,2-Dichloropropane	9.304	63	321341	151.289	ug/l	97
46) Dibromomethane	9.399	93	176045	150.924	ug/l	89
47) Bromodichloromethane	9.587	83	434199	148.185	ug/l	100
48) Methyl methacrylate	9.381	41	191594	160.862	ug/l #	78
49) 1,4-Dioxane	9.387	88	36779	3258.632	ug/l #	94
51) 4-Methyl-2-Pentanone	10.157	43	869725	804.522	ug/l	90
52) Toluene	10.334	92	848958	156.470	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	436850	161.605	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	512897	158.274	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	237268	152.016	ug/l	94
56) Ethyl methacrylate	10.598	69	218490	171.005	ug/l #	86
57) 1,3-Dichloropropane	10.881	76	415920	155.819	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	667035	871.172	ug/l	95
59) 2-Hexanone	10.922	43	634611	722.400	ug/l	89
60) Dibromochloromethane	11.075	129	283522	154.072	ug/l	95
61) 1,2-Dibromoethane	11.181	107	228624	158.906	ug/l	99
64) Tetrachloroethene	10.810	164	253841	149.811	ug/l #	87
65) Chlorobenzene	11.610	112	871968	152.319	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	326023	159.367	ug/l	96
67) Ethyl Benzene	11.687	91	1699015	163.093	ug/l	96
68) m/p-Xylenes	11.793	106	1294012	325.237	ug/l	88
69) o-Xylene	12.122	106	597881	165.582	ug/l	90
70) Styrene	12.134	104	904443	167.159	ug/l	95
71) Bromoform	12.298	173	154893	152.891	ug/l #	99
73) Isopropylbenzene	12.422	105	1558406	160.273	ug/l	96
74) N-amyl acetate	12.234	43	302301	162.500	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	264686	146.293	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	186140m	162.868	ug/l	
77) Bromobenzene	12.698	156	329996	154.793	ug/l	83
78) n-propylbenzene	12.763	91	1895577	157.182	ug/l	95
79) 2-Chlorotoluene	12.851	91	997092	154.933	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	1293003	160.373	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	89871	163.211	ug/l	95
82) 4-Chlorotoluene	12.945	91	1047281	154.375	ug/l	95
83) tert-Butylbenzene	13.169	119	1107183	164.275	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	1342853	164.686	ug/l	95
85) sec-Butylbenzene	13.345	105	1617959	158.541	ug/l	95
86) p-Isopropyltoluene	13.463	119	1480748	166.734	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	702559	159.171	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	665435	152.600	ug/l	98
89) n-Butylbenzene	13.787	91	1381324	159.775	ug/l	98
90) Hexachloroethane	14.051	117	269109	154.475	ug/l	84
91) 1,2-Dichlorobenzene	13.834	146	577914	155.706	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	38883	150.384	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	366957	159.943	ug/l	96
94) Hexachlorobutadiene	15.204	225	174302	157.216	ug/l	99
95) Naphthalene	15.334	128	751709	175.241	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	312199	162.189	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
Data File : VD078192.D
Acq On : 22 Jan 2024 12:47
Operator : RP/MD
Sample : VSTDICC150
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/23/2024
Supervised By :Semsettin Yesilyurt 01/23/2024

Quant Time: Jan 23 05:27:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:12:01 2024
Response via : Initial Calibration

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

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

