

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081224\
 Data File : VD079708.D
 Acq On : 12 Aug 2024 13:15
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 12 14:29:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 12 14:24:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024
 Supervised By :Mahesh Dadoda 08/13/2024

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	206379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	381106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	348224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	184063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	372010	156.679	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 313.360%#			
35) Dibromofluoromethane	7.805	113	367429	156.389	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 312.780%#			
50) Toluene-d8	10.269	98	1611768	164.138	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 328.280%#			
62) 4-Bromofluorobenzene	12.569	95	474742	172.668	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 345.340%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	243243	153.210	ug/l	95
3) Chloromethane	2.146	50	531538	133.352	ug/l	95
4) Vinyl Chloride	2.281	62	651578	138.282	ug/l	99
5) Bromomethane	2.669	94	463139	144.403	ug/l	97
6) Chloroethane	2.822	64	455333	141.565	ug/l	98
7) Trichlorofluoromethane	3.164	101	587291	139.362	ug/l	97
8) Diethyl Ether	3.587	74	213399	161.943	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.964	101	352442	142.066	ug/l	93
10) Methyl Iodide	4.158	142	457793	164.866	ug/l	95
11) Tert butyl alcohol	5.058	59	104662	742.016	ug/l #	83
12) 1,1-Dichloroethene	3.934	96	392831	151.435	ug/l	86
13) Acrolein	3.793	56	230683	835.262	ug/l	99
14) Allyl chloride	4.552	41	625011	160.638	ug/l #	82
15) Acrylonitrile	5.252	53	487098	802.972	ug/l	98
16) Acetone	4.016	43	488915	741.208	ug/l	95
17) Carbon Disulfide	4.264	76	1327641	144.379	ug/l	99
18) Methyl Acetate	4.558	43	237938	146.985	ug/l #	83
19) Methyl tert-butyl Ether	5.316	73	890049	167.099	ug/l	100
20) Methylene Chloride	4.793	84	461402	151.565	ug/l #	84
21) trans-1,2-Dichloroethene	5.305	96	435410	152.879	ug/l #	82
22) Diisopropyl ether	6.216	45	1243297	155.066	ug/l #	92
23) Vinyl Acetate	6.152	43	4951721	842.562	ug/l #	92
24) 1,1-Dichloroethane	6.110	63	778156	146.813	ug/l	94
25) 2-Butanone	7.075	43	621164	850.343	ug/l	94
26) 2,2-Dichloropropane	7.075	77	615141	146.955	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	506233	153.238	ug/l	86
28) Bromochloromethane	7.422	49	329159	145.984	ug/l #	66
29) Tetrahydrofuran	7.440	42	369767	832.678	ug/l #	80
30) Chloroform	7.593	83	750330	145.782	ug/l	98
31) Cyclohexane	7.875	56	629871	145.134	ug/l	85
32) 1,1,1-Trichloroethane	7.793	97	627806	147.436	ug/l	98
36) 1,1-Dichloropropene	8.005	75	556362	152.768	ug/l	96
37) Ethyl Acetate	7.163	43	252852	153.415	ug/l	94
38) Carbon Tetrachloride	7.987	117	555796	150.352	ug/l	96
39) Methylcyclohexane	9.269	83	706957	164.238	ug/l	90
40) Benzene	8.246	78	1794244	151.482	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081224\
 Data File : VD079708.D
 Acq On : 12 Aug 2024 13:15
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/13/2024
 Supervised By : Mahesh Dadoda 08/13/2024

Quant Time: Aug 12 14:29:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 12 14:24:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	150871	180.572	ug/l #	81
42) 1,2-Dichloroethane	8.322	62	410520	149.944	ug/l	95
43) Isopropyl Acetate	8.357	43	486118	169.121	ug/l #	90
44) Trichloroethene	9.028	130	398008	152.994	ug/l	86
45) 1,2-Dichloropropane	9.304	63	435680	149.439	ug/l	100
46) Dibromomethane	9.393	93	227087	153.853	ug/l	89
47) Bromodichloromethane	9.581	83	564400	151.694	ug/l	99
48) Methyl methacrylate	9.375	41	232793	176.077	ug/l #	79
49) 1,4-Dioxane	9.387	88	51589	3472.787	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	1247945	843.896	ug/l	94
52) Toluene	10.334	92	1133686	159.619	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	568308	163.399	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	681285	159.599	ug/l	94
55) 1,1,2-Trichloroethane	10.728	97	300049	152.496	ug/l	92
56) Ethyl methacrylate	10.593	69	432990	148.958	ug/l	89
57) 1,3-Dichloropropane	10.875	76	536741	158.234	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	934352	870.796	ug/l #	88
59) 2-Hexanone	10.916	43	940438	741.896	ug/l	96
60) Dibromochloromethane	11.069	129	377694	155.802	ug/l	98
61) 1,2-Dibromoethane	11.175	107	277342	158.737	ug/l	96
64) Tetrachloroethene	10.810	164	328948	154.603	ug/l	94
65) Chlorobenzene	11.604	112	1170524	153.082	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	393142	157.705	ug/l	98
67) Ethyl Benzene	11.681	91	2242002	167.106	ug/l	100
68) m/p-Xylenes	11.793	106	1757455	336.857	ug/l	92
69) o-Xylene	12.116	106	819300	171.822	ug/l	89
70) Styrene	12.134	104	1450682	173.423	ug/l	97
71) Bromoform	12.298	173	202247	157.830	ug/l #	99
73) Isopropylbenzene	12.416	105	2084745	161.329	ug/l	99
74) N-amyl acetate	12.228	43	462483	160.643	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	348165	144.299	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	213622m	70.770	ug/l	
77) Bromobenzene	12.698	156	438388	151.687	ug/l	83
78) n-propylbenzene	12.757	91	2529961	158.218	ug/l	97
79) 2-Chlorotoluene	12.845	91	1379166	154.889	ug/l	93
80) 1,3,5-Trimethylbenzene	12.898	105	1739336	162.313	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	136761	155.319	ug/l	98
82) 4-Chlorotoluene	12.945	91	1432827	153.024	ug/l	96
83) tert-Butylbenzene	13.163	119	1510833	167.055	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	1823837	166.359	ug/l	97
85) sec-Butylbenzene	13.339	105	2273072	163.107	ug/l	99
86) p-Isopropyltoluene	13.457	119	2035885	173.901	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	980154	159.311	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	930747	153.255	ug/l	98
89) n-Butylbenzene	13.781	91	1834900	166.276	ug/l	97
90) Hexachloroethane	14.051	117	364272	151.648	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	820260	154.801	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	50048	151.964	ug/l	85
93) 1,2,4-Trichlorobenzene	15.092	180	514564	168.805	ug/l	99
94) Hexachlorobutadiene	15.198	225	254230	165.849	ug/l	96
95) Naphthalene	15.328	128	1072303	183.930	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	443404	165.948	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081224\
Data File : VD079708.D
Acq On : 12 Aug 2024 13:15
Operator : RP/MD
Sample : VSTDICC150
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

Quant Time: Aug 12 14:29:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 12 14:24:32 2024
Response via : Initial Calibration

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

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

