

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122222\
 Data File : VD075046.D
 Acq On : 22 Dec 2022 13:16
 Operator : KP/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 22 14:14:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 22 14:10:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	144395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	260224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	221534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	90539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	205715	145.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 291.000%#	
35) Dibromofluoromethane	7.804	113	222819	146.251	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 292.500%#	
50) Toluene-d8	10.269	98	861427	137.284	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 274.560%#	
62) 4-Bromofluorobenzene	12.575	95	274920	135.362	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 270.720%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	101020	132.980	ug/l	100
3) Chloromethane	2.146	50	167592	123.240	ug/l	97
4) Vinyl Chloride	2.275	62	171448	153.036	ug/l	99
5) Bromomethane	2.663	94	72729	130.397	ug/l	100
6) Chloroethane	2.816	64	105643	152.848	ug/l	99
7) Trichlorofluoromethane	3.163	101	265431	147.692	ug/l	97
8) Diethyl Ether	3.587	74	103405	145.683	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.963	101	188689	146.428	ug/l	98
10) Methyl Iodide	4.157	142	189512	185.862	ug/l	99
11) Tert butyl alcohol	5.057	59	78443	589.892	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	176592	139.014	ug/l	89
13) Acrolein	3.793	56	111781	614.080	ug/l	100
14) Allyl chloride	4.557	41	305943	138.021	ug/l #	91
15) Acrylonitrile	5.252	53	260349	706.945	ug/l	99
16) Acetone	4.016	43	280175	774.442	ug/l	95
17) Carbon Disulfide	4.263	76	337791	128.623	ug/l	99
18) Methyl Acetate	4.563	43	123858	118.117	ug/l #	89
19) Methyl tert-butyl Ether	5.322	73	482605	141.834	ug/l	96
20) Methylene Chloride	4.799	84	224054	98.235	ug/l #	85
21) trans-1,2-Dichloroethene	5.310	96	189635	135.384	ug/l	88
22) Diisopropyl ether	6.216	45	673441	140.687	ug/l #	93
23) Vinyl Acetate	6.152	43	1743795	769.860	ug/l #	91
24) 1,1-Dichloroethane	6.104	63	395620	143.214	ug/l	96
25) 2-Butanone	7.081	43	355135	707.307	ug/l #	88
26) 2,2-Dichloropropane	7.075	77	351397	140.358	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	251683	139.867	ug/l	89
28) Bromochloromethane	7.428	49	136044	139.490	ug/l #	78
29) Tetrahydrofuran	7.446	42	196704	671.024	ug/l #	84
30) Chloroform	7.598	83	390879	142.609	ug/l	99
31) Cyclohexane	7.875	56	288207	122.580	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	338485	146.525	ug/l	96
36) 1,1-Dichloropropene	8.010	75	274118	138.441	ug/l	98
37) Ethyl Acetate	7.169	43	138684	141.679	ug/l	94
38) Carbon Tetrachloride	7.993	117	259303	152.128	ug/l	100
39) Methylcyclohexane	9.275	83	321128	132.398	ug/l	93
40) Benzene	8.251	78	826080	135.288	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122222\
 Data File : VD075046.D
 Acq On : 22 Dec 2022 13:16
 Operator : KP/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 22 14:14:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 22 14:10:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	83987	135.786	ug/l	92
42) 1,2-Dichloroethane	8.328	62	220315	143.255	ug/l	97
43) Isopropyl Acetate	8.363	43	282757	138.928	ug/l #	90
44) Trichloroethene	9.028	130	227004	137.928	ug/l	98
45) 1,2-Dichloropropane	9.304	63	230358	139.643	ug/l	96
46) Dibromomethane	9.393	93	111398	138.239	ug/l	97
47) Bromodichloromethane	9.587	83	301067	142.567	ug/l	97
48) Methyl methacrylate	9.381	41	126290	135.492	ug/l	85
49) 1,4-Dioxane	9.381	88	30409	2883.279	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	709757	697.789	ug/l	91
52) Toluene	10.334	92	518958	133.356	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	297516	141.663	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	353644	139.876	ug/l #	84
55) 1,1,2-Trichloroethane	10.734	97	164939	137.772	ug/l	97
56) Ethyl methacrylate	10.598	69	216742	132.322	ug/l #	79
57) 1,3-Dichloropropane	10.881	76	280456	138.126	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	466157	718.915	ug/l	94
59) 2-Hexanone	10.922	43	525938	714.037	ug/l	90
60) Dibromochloromethane	11.075	129	194415	142.256	ug/l	100
61) 1,2-Dibromoethane	11.181	107	148429	136.880	ug/l	98
64) Tetrachloroethene	10.810	164	173588	132.939	ug/l	98
65) Chlorobenzene	11.610	112	562639	138.236	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	201836	143.310	ug/l	98
67) Ethyl Benzene	11.687	91	1023361	137.781	ug/l	100
68) m/p-Xylenes	11.792	106	764327	271.277	ug/l	97
69) o-Xylene	12.122	106	370336	134.084	ug/l	95
70) Styrene	12.139	104	625298	135.829	ug/l	96
71) Bromoform	12.298	173	109293	144.455	ug/l #	99
73) Isopropylbenzene	12.422	105	996037	142.552	ug/l	99
74) N-amyl acetate	12.234	43	258854	144.821	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.675	83	181633	140.163	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	138443m	144.734	ug/l	
77) Bromobenzene	12.704	156	210323	141.938	ug/l	91
78) n-propylbenzene	12.769	91	1219297	142.367	ug/l	99
79) 2-Chlorotoluene	12.851	91	669406	142.822	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	802863	142.422	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	61291	148.794	ug/l	91
82) 4-Chlorotoluene	12.951	91	679477	139.618	ug/l	96
83) tert-Butylbenzene	13.169	119	707807	141.957	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	784566	142.871	ug/l	98
85) sec-Butylbenzene	13.345	105	1091407	143.164	ug/l	99
86) p-Isopropyltoluene	13.463	119	869052	143.585	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	405255	140.015	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	408291	140.874	ug/l	97
89) n-Butylbenzene	13.786	91	868031	143.131	ug/l	99
90) Hexachloroethane	14.057	117	163066	151.808	ug/l	95
91) 1,2-Dichlorobenzene	13.833	146	364739	141.955	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	28957	157.504	ug/l	94
93) 1,2,4-Trichlorobenzene	15.104	180	246388	150.020	ug/l	97
94) Hexachlorobutadiene	15.210	225	123327	149.582	ug/l	99
95) Naphthalene	15.333	128	518764	148.031	ug/l	100
96) 1,2,3-Trichlorobenzene	15.527	180	216422	151.785	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122222\
Data File : VD075046.D
Acq On : 22 Dec 2022 13:16
Operator : KP/SY
Sample : VSTDICC150
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Quant Time: Dec 22 14:14:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 22 14:10:31 2022
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\VD122222\
 Data File : VD075046.D
 Acq On : 22 Dec 2022 13:16
 Operator : KP/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 22 14:14:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 22 14:10:31 2022
 Response via : Initial Calibration

