

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070824\
 Data File : VD079346.D
 Acq On : 08 Jul 2024 16:45
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/09/2024
 Supervised By :Semsettin Yesilyurt 07/09/2024

Quant Time: Jul 08 16:55:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 16:50:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	219850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	383594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	370265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	183364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	360975	139.330	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 278.660%#			
35) Dibromofluoromethane	7.805	113	397607	146.926	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 293.860%#			
50) Toluene-d8	10.263	98	1613440	154.665	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 309.340%#			
62) 4-Bromofluorobenzene	12.569	95	525295	162.012	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 324.020%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	286883	140.740	ug/l	99
3) Chloromethane	2.146	50	353361	129.471	ug/l	97
4) Vinyl Chloride	2.276	62	356630	127.138	ug/l	100
5) Bromomethane	2.652	94	258626	149.130	ug/l	99
6) Chloroethane	2.817	64	183318	121.970	ug/l	98
7) Trichlorofluoromethane	3.158	101	585335	142.811	ug/l	100
8) Diethyl Ether	3.587	74	207709	158.634	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.952	101	377414	146.804	ug/l	98
10) Methyl Iodide	4.152	142	474344	167.273	ug/l	99
11) Tert butyl alcohol	5.064	59	112622	680.981	ug/l #	85
12) 1,1-Dichloroethene	3.928	96	387208	151.660	ug/l	97
13) Acrolein	3.793	56	139920	682.428	ug/l	99
14) Allyl chloride	4.552	41	501685	154.199	ug/l	86
15) Acrylonitrile	5.252	53	461930	765.909	ug/l	97
16) Acetone	4.017	43	355918	722.313	ug/l	97
17) Carbon Disulfide	4.258	76	1182704	146.628	ug/l	98
18) Methyl Acetate	4.558	43	210188	136.327	ug/l	90
19) Methyl tert-butyl Ether	5.317	73	907355	159.912	ug/l	96
20) Methylene Chloride	4.793	84	484987	150.004	ug/l	93
21) trans-1,2-Dichloroethene	5.305	96	429534	151.448	ug/l	90
22) Diisopropyl ether	6.216	45	1087822	149.310	ug/l	96
23) Vinyl Acetate	6.152	43	4371151	783.983	ug/l	96
24) 1,1-Dichloroethane	6.105	63	706103	143.739	ug/l	97
25) 2-Butanone	7.081	43	529082	755.926	ug/l	100
26) 2,2-Dichloropropane	7.069	77	580078	140.993	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	513472	155.080	ug/l	92
28) Bromochloromethane	7.422	49	273175	131.930	ug/l	80
29) Tetrahydrofuran	7.446	42	334219	783.439	ug/l	89
30) Chloroform	7.593	83	745826	144.624	ug/l	99
31) Cyclohexane	7.875	56	570859	145.702	ug/l	89
32) 1,1,1-Trichloroethane	7.787	97	628941	145.890	ug/l	99
36) 1,1-Dichloropropene	8.005	75	536717	156.121	ug/l	98
37) Ethyl Acetate	7.164	43	230809	155.034	ug/l	100
38) Carbon Tetrachloride	7.987	117	546966	151.148	ug/l	100
39) Methylcyclohexane	9.269	83	689359	171.965	ug/l	93
40) Benzene	8.246	78	1729790	157.167	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	134020	148.358	ug/l	86
42) 1,2-Dichloroethane	8.322	62	399691	150.217	ug/l	97
43) Isopropyl Acetate	8.358	43	442040	162.478	ug/l	95
44) Trichloroethene	9.022	130	405772	154.658	ug/l	90
45) 1,2-Dichloropropane	9.305	63	414908	154.432	ug/l	99
46) Dibromomethane	9.393	93	240979	152.970	ug/l	92
47) Bromodichloromethane	9.581	83	582273	151.177	ug/l	99
48) Methyl methacrylate	9.381	41	207227	149.593	ug/l	90
49) 1,4-Dioxane	9.381	88	56948	3192.179	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	1184966	813.437	ug/l	100
52) Toluene	10.328	92	1115854	164.688	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	568808	163.016	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	667946	160.257	ug/l	98
55) 1,1,2-Trichloroethane	10.728	97	325688	154.008	ug/l	95
56) Ethyl methacrylate	10.593	69	445027	148.799	ug/l	97
57) 1,3-Dichloropropane	10.875	76	548740	158.147	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	954120	741.142	ug/l	93
59) 2-Hexanone	10.916	43	852639	819.201	ug/l	98
60) Dibromochloromethane	11.069	129	420957	155.076	ug/l	98
61) 1,2-Dibromoethane	11.175	107	314508	157.729	ug/l	97
64) Tetrachloroethene	10.804	164	349047	160.812	ug/l	93
65) Chlorobenzene	11.604	112	1199522	154.344	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	412032	157.137	ug/l	98
67) Ethyl Benzene	11.681	91	2176782	167.776	ug/l	99
68) m/p-Xylenes	11.793	106	1700386	339.402	ug/l	91
69) o-Xylene	12.116	106	804248	171.559	ug/l	89
70) Styrene	12.134	104	1419626	169.704	ug/l	96
71) Bromoform	12.299	173	239612	157.726	ug/l #	98
73) Isopropylbenzene	12.416	105	2034835	166.257	ug/l	99
74) N-amyl acetate	12.228	43	437743	159.151	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	384248	148.601	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	275563m	150.653	ug/l	
77) Bromobenzene	12.698	156	462695	159.769	ug/l	84
78) n-propylbenzene	12.757	91	2480337	162.594	ug/l	96
79) 2-Chlorotoluene	12.846	91	1404223	160.502	ug/l	93
80) 1,3,5-Trimethylbenzene	12.898	105	1716453	165.460	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	143417	153.485	ug/l	97
82) 4-Chlorotoluene	12.946	91	1470365	157.923	ug/l	94
83) tert-Butylbenzene	13.163	119	1485591	171.488	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	1762014	167.446	ug/l	97
85) sec-Butylbenzene	13.340	105	2200620	165.739	ug/l	97
86) p-Isopropyltoluene	13.457	119	1894412	172.283	ug/l	97
87) 1,3-Dichlorobenzene	13.451	146	960674	157.304	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	928194	151.003	ug/l	96
89) n-Butylbenzene	13.781	91	1766112	165.219	ug/l	96
90) Hexachloroethane	14.051	117	369821	152.238	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	833588	153.867	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	55548	152.945	ug/l	91
93) 1,2,4-Trichlorobenzene	15.092	180	511308	167.953	ug/l	98
94) Hexachlorobutadiene	15.198	225	255129	158.016	ug/l	96
95) Naphthalene	15.328	128	1128900	186.525	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	455364	167.446	ug/l	97

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

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