

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030124\
 Data File : VD078578.D
 Acq On : 01 Mar 2024 14:32
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 02 03:39:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:25:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2024
 Supervised By :Mahesh Dadoda 03/04/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	182300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	284664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	280943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	151836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	237601	131.481	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 262.960%#			
35) Dibromofluoromethane	7.810	113	276559	149.352	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 298.700%#			
50) Toluene-d8	10.269	98	1131328	157.229	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 314.460%#			
62) 4-Bromofluorobenzene	12.574	95	335941	163.464	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 326.920%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	205688	153.129	ug/l	98
3) Chloromethane	2.152	50	362819	150.510	ug/l	99
4) Vinyl Chloride	2.281	62	595516	132.898	ug/l	100
5) Bromomethane	2.669	94	527550	147.408	ug/l	98
6) Chloroethane	2.828	64	460446	138.638	ug/l	100
7) Trichlorofluoromethane	3.169	101	414661	136.853	ug/l	99
8) Diethyl Ether	3.593	74	129922	152.702	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.963	101	258169	135.192	ug/l	99
10) Methyl Iodide	4.163	142	317825	159.047	ug/l	93
11) Tert butyl alcohol	5.063	59	64927	771.287	ug/l	98
12) 1,1-Dichloroethene	3.934	96	260026	145.856	ug/l	92
13) Acrolein	3.798	56	122363	682.757	ug/l	99
14) Allyl chloride	4.563	41	292611	144.106	ug/l	95
15) Acrylonitrile	5.251	53	264317	753.537	ug/l	99
16) Acetone	4.022	43	227636	657.505	ug/l	91
17) Carbon Disulfide	4.269	76	811944	136.701	ug/l	98
18) Methyl Acetate	4.569	43	106134	161.959	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	581937	160.545	ug/l	98
20) Methylene Chloride	4.798	84	308780	152.127	ug/l	95
21) trans-1,2-Dichloroethene	5.310	96	312858	146.055	ug/l	95
22) Diisopropyl ether	6.216	45	664654	145.996	ug/l	95
23) Vinyl Acetate	6.157	43	2080977	769.639	ug/l	96
24) 1,1-Dichloroethane	6.110	63	475934	138.379	ug/l	99
25) 2-Butanone	7.081	43	318761	729.902	ug/l	96
26) 2,2-Dichloropropane	7.075	77	423123	145.625	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	358392	152.800	ug/l	100
28) Bromochloromethane	7.428	49	161307	125.541	ug/l	94
29) Tetrahydrofuran	7.445	42	185992	766.579	ug/l	99
30) Chloroform	7.598	83	518207	139.544	ug/l	98
31) Cyclohexane	7.875	56	383273	135.505	ug/l	98
32) 1,1,1-Trichloroethane	7.792	97	459846	144.345	ug/l	98
36) 1,1-Dichloropropene	8.010	75	409783	159.922	ug/l	99
37) Ethyl Acetate	7.169	43	133568	160.875	ug/l	96
38) Carbon Tetrachloride	7.992	117	425136	158.628	ug/l	99
39) Methylcyclohexane	9.275	83	509247	169.328	ug/l	96
40) Benzene	8.251	78	1206430	158.844	ug/l	100

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41) Methacrylonitrile	7.398	41	67686	152.104	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	288987	149.982	ug/l	98
43) Isopropyl Acetate	8.363	43	254466	159.866	ug/l	96
44) Trichloroethene	9.028	130	332601	159.582	ug/l	92
45) 1,2-Dichloropropane	9.304	63	282726	154.963	ug/l	100
46) Dibromomethane	9.392	93	171766	163.309	ug/l	95
47) Bromodichloromethane	9.586	83	407695	157.203	ug/l	99
48) Methyl methacrylate	9.381	41	123670	171.515	ug/l	90
49) 1,4-Dioxane	9.386	88	38171	3107.668	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	676901	823.902	ug/l	97
52) Toluene	10.333	92	829199	170.149	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	405898	169.182	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	476401	165.843	ug/l #	95
55) 1,1,2-Trichloroethane	10.733	97	231780	156.501	ug/l	95
56) Ethyl methacrylate	10.598	69	269804	181.760	ug/l	97
57) 1,3-Dichloropropane	10.880	76	383424	159.761	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	647445	750.475	ug/l	100
59) 2-Hexanone	10.922	43	501747	823.371	ug/l	96
60) Dibromochloromethane	11.075	129	295894	165.463	ug/l	96
61) 1,2-Dibromoethane	11.180	107	227190	167.149	ug/l	100
64) Tetrachloroethene	10.810	164	282176	159.630	ug/l	94
65) Chlorobenzene	11.610	112	882023	159.426	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.680	131	341473	165.793	ug/l	96
67) Ethyl Benzene	11.680	91	1663311	173.512	ug/l	98
68) m/p-Xylenes	11.792	106	1361418	351.048	ug/l	95
69) o-Xylene	12.122	106	629386	178.895	ug/l	95
70) Styrene	12.133	104	1087889	178.394	ug/l	99
71) Bromoform	12.298	173	181815	165.934	ug/l #	100
73) Isopropylbenzene	12.422	105	1610899	167.368	ug/l	97
74) N-amyl acetate	12.233	43	253236	156.319	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.674	83	266254	144.402	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	164017m	141.117	ug/l	
77) Bromobenzene	12.698	156	381924	164.076	ug/l	99
78) n-propylbenzene	12.763	91	1911629	162.373	ug/l	98
79) 2-Chlorotoluene	12.845	91	1017141	161.000	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	1333145	170.218	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	86183	159.075	ug/l	96
82) 4-Chlorotoluene	12.945	91	1072947	159.359	ug/l	99
83) tert-Butylbenzene	13.163	119	1143290	169.533	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	1384912	173.002	ug/l	98
85) sec-Butylbenzene	13.345	105	1748118	166.160	ug/l	97
86) p-Isopropyltoluene	13.457	119	1602058	180.889	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	842637	169.419	ug/l	99
88) 1,4-Dichlorobenzene	13.533	146	776193	155.767	ug/l	100
89) n-Butylbenzene	13.786	91	1376189	166.274	ug/l	99
90) Hexachloroethane	14.051	117	273440	151.842	ug/l	98
91) 1,2-Dichlorobenzene	13.827	146	685080	162.156	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	35212	143.272	ug/l	86
93) 1,2,4-Trichlorobenzene	15.098	180	438268	175.184	ug/l	96
94) Hexachlorobutadiene	15.204	225	218754	158.921	ug/l	99
95) Naphthalene	15.327	128	799326	180.814	ug/l	100
96) 1,2,3-Trichlorobenzene	15.521	180	375303	168.918	ug/l	99

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

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