

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
 Data File : VD077288.D
 Acq On : 06 Oct 2023 14:16
 Operator : JC/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 07 01:23:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 07 01:15:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	210184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	352718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	331608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	163369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	264550	103.235	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 206.460%#			
35) Dibromofluoromethane	7.805	113	300797	100.404	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 200.800%#			
50) Toluene-d8	10.269	98	1202056	119.149	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 238.300%#			
62) 4-Bromofluorobenzene	12.575	95	347982	103.941	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 207.880%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	232620	79.707	ug/l	93
3) Chloromethane	2.146	50	354531	78.063	ug/l	99
4) Vinyl Chloride	2.281	62	470754	84.226	ug/l	99
5) Bromomethane	2.681	94	357961	93.272	ug/l	99
6) Chloroethane	2.834	64	308617	86.462	ug/l	96
7) Trichlorofluoromethane	3.170	101	342581	60.665	ug/l	100
8) Diethyl Ether	3.593	74	150914	93.650	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.958	101	296452	86.800	ug/l	97
10) Methyl Iodide	4.158	142	401097	98.789	ug/l	92
11) Tert butyl alcohol	5.046	59	75853	435.068	ug/l	97
12) 1,1-Dichloroethene	3.934	96	303819	91.920	ug/l	90
13) Acrolein	3.787	56	159724	903.537	ug/l	98
14) Allyl chloride	4.552	41	414665	99.119	ug/l	91
15) Acrylonitrile	5.246	53	340467	470.822	ug/l	100
16) Acetone	4.017	43	296413	439.016	ug/l	90
17) Carbon Disulfide	4.264	76	972453	85.675	ug/l	98
18) Methyl Acetate	4.552	43	236730	87.661	ug/l	90
19) Methyl tert-butyl Ether	5.317	73	663506	101.042	ug/l	99
20) Methylene Chloride	4.793	84	369416	55.771	ug/l	90
21) trans-1,2-Dichloroethene	5.305	96	359510	92.051	ug/l	92
22) Diisopropyl ether	6.211	45	892202	103.451	ug/l	94
23) Vinyl Acetate	6.152	43	1833519m	519.127	ug/l	
24) 1,1-Dichloroethane	6.105	63	587441	86.795	ug/l	97
25) 2-Butanone	7.081	43	420829	460.611	ug/l	89
26) 2,2-Dichloropropane	7.075	77	508100	87.579	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	401808	94.013	ug/l	95
28) Bromochloromethane	7.422	49	254693	96.569	ug/l	81
29) Tetrahydrofuran	7.440	42	250466	501.660	ug/l	88
30) Chloroform	7.593	83	606693	87.774	ug/l	99
31) Cyclohexane	7.875	56	492339	90.952	ug/l	90
32) 1,1,1-Trichloroethane	7.787	97	525692	89.864	ug/l	98
36) 1,1-Dichloropropene	8.005	75	476401	95.011	ug/l	97
37) Ethyl Acetate	7.163	43	176127	87.416	ug/l	96
38) Carbon Tetrachloride	7.987	117	445145	96.030	ug/l	98
39) Methylcyclohexane	9.275	83	579980	105.852	ug/l	95
40) Benzene	8.252	78	1444453	96.009	ug/l	99

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41) Methacrylonitrile	7.399	41	106528	99.740	ug/l	88
42) 1,2-Dichloroethane	8.322	62	327635	90.360	ug/l	97
43) Isopropyl Acetate	8.358	43	338619	98.834	ug/l #	91
44) Trichloroethene	9.028	130	361157	90.554	ug/l	91
45) 1,2-Dichloropropane	9.305	63	349404	91.857	ug/l	99
46) Dibromomethane	9.393	93	186333	88.323	ug/l	93
47) Bromodichloromethane	9.581	83	453822	91.328	ug/l	100
48) Methyl methacrylate	9.381	41	160714	101.412	ug/l #	82
49) 1,4-Dioxane	9.381	88	37628	2014.892	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	897031	508.096	ug/l	92
52) Toluene	10.334	92	916165	99.498	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	453174	100.687	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	543416	102.577	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	253827	88.383	ug/l	97
56) Ethyl methacrylate	10.599	69	315660	110.679	ug/l	93
57) 1,3-Dichloropropane	10.881	76	430248	94.541	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	794958	842.894	ug/l	93
59) 2-Hexanone	10.922	43	651036	524.083	ug/l	91
60) Dibromochloromethane	11.075	129	301327	93.515	ug/l	95
61) 1,2-Dibromoethane	11.181	107	238408	89.887	ug/l	99
64) Tetrachloroethene	10.810	164	290896	91.218	ug/l	95
65) Chlorobenzene	11.604	112	905178	93.985	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	316745	92.276	ug/l	97
67) Ethyl Benzene	11.681	91	1698972	104.178	ug/l	96
68) m/p-Xylenes	11.793	106	1304811	203.481	ug/l	90
69) o-Xylene	12.122	106	606460	103.116	ug/l	90
70) Styrene	12.134	104	1040683	103.923	ug/l	97
71) Bromoform	12.299	173	161200	83.521	ug/l #	100
73) Isopropylbenzene	12.422	105	1585714	108.508	ug/l	96
74) N-amyl acetate	12.234	43	311353	104.659	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	285543	94.580	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	226204m	74.993	ug/l	
77) Bromobenzene	12.698	156	343235	96.937	ug/l	87
78) n-propylbenzene	12.763	91	1974601	106.791	ug/l	95
79) 2-Chlorotoluene	12.851	91	1034772	103.499	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	1283845	105.004	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	94049	35.669	ug/l	96
82) 4-Chlorotoluene	12.946	91	1077933	100.878	ug/l	93
83) tert-Butylbenzene	13.169	119	1099591	105.744	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	1292280	108.084	ug/l	95
85) sec-Butylbenzene	13.346	105	1687404	106.784	ug/l	95
86) p-Isopropyltoluene	13.463	119	1404283	109.007	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	698632	94.863	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	673909	90.547	ug/l	98
89) n-Butylbenzene	13.787	91	1358910	106.902	ug/l	98
90) Hexachloroethane	14.051	117	262237	94.868	ug/l	89
91) 1,2-Dichlorobenzene	13.834	146	592269	93.059	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	38034	98.412	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	378884	102.146	ug/l	98
94) Hexachlorobutadiene	15.204	225	183589	89.797	ug/l	98
95) Naphthalene	15.334	128	762153	112.172	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	334295	102.118	ug/l	99

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

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