

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016579.D
 Acq On : 04 Dec 2023 15:49
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 05 01:11:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 00:54:37 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/05/2023
 Supervised By :Semsettin Yesilyurt 12/05/2023

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	248567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	373620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	323511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	155035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	199775	86.956	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 173.920%#			
35) Dibromofluoromethane	7.734	113	197230	87.718	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 175.440%#			
50) Toluene-d8	10.191	98	755465	88.827	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 177.660%#			
62) 4-Bromofluorobenzene	12.495	95	252246	90.189	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 180.380%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	198001	90.178	ug/l	99
3) Chloromethane	2.119	50	204244	89.668	ug/l	99
4) Vinyl Chloride	2.259	62	212588	92.420	ug/l	96
5) Bromomethane	2.662	94	134012	93.008	ug/l	99
6) Chloroethane	2.802	64	134243	94.482	ug/l	96
7) Trichlorofluoromethane	3.137	101	417533	96.019	ug/l	99
8) Diethyl Ether	3.540	74	118437	97.794	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.912	101	235792	96.965	ug/l	98
10) Methyl Iodide	4.107	142	259718	101.085	ug/l	98
11) Tert butyl alcohol	4.972	59	77130	492.739	ug/l #	80
12) 1,1-Dichloroethene	3.887	96	217760	98.577	ug/l	93
13) Acrolein	3.741	56	107275	471.392	ug/l	100
14) Allyl chloride	4.497	41	332463	98.619	ug/l	97
15) Acrylonitrile	5.180	53	235490	481.764	ug/l	99
16) Acetone	3.960	43	228041	438.638	ug/l	94
17) Carbon Disulfide	4.210	76	596933	96.384	ug/l	99
18) Methyl Acetate	4.491	43	210468	102.132	ug/l	94
19) Methyl tert-butyl Ether	5.241	73	541677	99.753	ug/l	99
20) Methylene Chloride	4.735	84	217197	98.001	ug/l	92
21) trans-1,2-Dichloroethene	5.241	96	237866	95.755	ug/l	95
22) Diisopropyl ether	6.137	45	662707	95.583	ug/l	89
23) Vinyl Acetate	6.076	43	1619740	486.642	ug/l	95
24) 1,1-Dichloroethane	6.033	63	403191	94.657	ug/l	98
25) 2-Butanone	7.002	43	323657	452.743	ug/l	96
26) 2,2-Dichloropropane	7.002	77	392321	97.972	ug/l	98
27) cis-1,2-Dichloroethene	7.002	96	265444	97.076	ug/l	94
28) Bromochloromethane	7.350	49	151940	88.064	ug/l	86
29) Tetrahydrofuran	7.362	42	199411	489.259	ug/l	93
30) Chloroform	7.521	83	431536	95.042	ug/l	95
31) Cyclohexane	7.801	56	359230	91.593	ug/l	94
32) 1,1,1-Trichloroethane	7.716	97	417894	97.251	ug/l	98
36) 1,1-Dichloropropene	7.935	75	329693	96.461	ug/l	98
37) Ethyl Acetate	7.088	43	136895	95.718	ug/l #	96
38) Carbon Tetrachloride	7.917	117	390108	98.592	ug/l	99
39) Methylcyclohexane	9.197	83	414673	100.698	ug/l	94
40) Benzene	8.173	78	912125	94.680	ug/l	100

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41) Methacrylonitrile	7.326	41	90932m	112.906	ug/l	
42) 1,2-Dichloroethane	8.252	62	266905	95.414	ug/l	96
43) Isopropyl Acetate	8.289	43	275024	99.683	ug/l	92
44) Trichloroethene	8.953	130	278614	95.899	ug/l	94
45) 1,2-Dichloropropane	9.228	63	221121	95.337	ug/l	98
46) Dibromomethane	9.319	93	121773	95.771	ug/l	98
47) Bromodichloromethane	9.508	83	328938	97.173	ug/l	97
48) Methyl methacrylate	9.307	41	162250	101.829	ug/l	93
49) 1,4-Dioxane	9.313	88	26220	2037.327	ug/l #	57
51) 4-Methyl-2-Pentanone	10.081	43	715386	498.942	ug/l	94
52) Toluene	10.258	92	590856	97.857	ug/l	95
53) t-1,3-Dichloropropene	10.477	75	317837	99.490	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	370734	98.811	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	172562	97.428	ug/l	95
56) Ethyl methacrylate	10.520	69	169247	104.247	ug/l	90
57) 1,3-Dichloropropane	10.801	76	290156	96.975	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	533384	533.112	ug/l	92
59) 2-Hexanone	10.843	43	524253	483.338	ug/l	94
60) Dibromochloromethane	10.996	129	229883	97.139	ug/l	100
61) 1,2-Dibromoethane	11.099	107	164158	98.540	ug/l	99
64) Tetrachloroethene	10.733	164	283357	95.570	ug/l	97
65) Chlorobenzene	11.526	112	632522	96.531	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	245727	95.949	ug/l	100
67) Ethyl Benzene	11.605	91	1144914	97.427	ug/l	96
68) m/p-Xylenes	11.715	106	874864	196.108	ug/l	95
69) o-Xylene	12.038	106	415495	99.769	ug/l	97
70) Styrene	12.056	104	602080	100.762	ug/l	99
71) Bromoform	12.221	173	138044	99.823	ug/l #	99
73) Isopropylbenzene	12.343	105	1138698	99.191	ug/l	99
74) N-amyl acetate	12.154	43	233422	101.972	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.593	83	170148	93.185	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	128046m	89.204	ug/l	
77) Bromobenzene	12.617	156	262187	96.906	ug/l	92
78) n-propylbenzene	12.684	91	1311347	98.142	ug/l	98
79) 2-Chlorotoluene	12.770	91	732408	97.272	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	924517	99.111	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	61534	99.115	ug/l	96
82) 4-Chlorotoluene	12.867	91	749635	96.217	ug/l	98
83) tert-Butylbenzene	13.087	119	829055	99.474	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	908317	99.690	ug/l	98
85) sec-Butylbenzene	13.264	105	1143285	97.670	ug/l	98
86) p-Isopropyltoluene	13.379	119	1013310	99.724	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	497987	96.420	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	489663	96.605	ug/l	100
89) n-Butylbenzene	13.709	91	896552	98.113	ug/l	95
90) Hexachloroethane	13.971	117	193193	96.630	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	433024	97.655	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	29150	99.762	ug/l	89
93) 1,2,4-Trichlorobenzene	15.019	180	264370	105.655	ug/l	99
94) Hexachlorobutadiene	15.123	225	144648	91.498	ug/l	99
95) Naphthalene	15.245	128	461108	96.730	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	215488	97.154	ug/l	99

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

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