

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100923\
 Data File : VY015883.D
 Acq On : 09 Oct 2023 15:55
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 10 07:02:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 06:54:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	223828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	360093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	321268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	263070	130.621	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 261.240%#			
35) Dibromofluoromethane	7.722	113	282694	140.748	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 281.500%#			
50) Toluene-d8	10.185	98	946777	143.029	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 286.060%#			
62) 4-Bromofluorobenzene	12.483	95	361272	134.369	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 268.740%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	131165	146.509	ug/l	96
3) Chloromethane	2.113	50	140342	153.255	ug/l	100
4) Vinyl Chloride	2.253	62	179297	153.517	ug/l	95
5) Bromomethane	2.625	94	129560	135.285	ug/l	100
6) Chloroethane	2.784	64	137767	150.218	ug/l	96
7) Trichlorofluoromethane	3.119	101	367521	148.300	ug/l	99
8) Diethyl Ether	3.528	74	146396	139.631	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	247885	147.386	ug/l	95
10) Methyl Iodide	4.088	142	256378	147.034	ug/l	96
11) Tert butyl alcohol	4.966	59	180097	522.097	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	201634	155.861	ug/l	92
13) Acrolein	3.729	56	76503	621.498	ug/l	98
14) Allyl chloride	4.479	41	360731	151.236	ug/l	91
15) Acrylonitrile	5.161	53	444752	616.887	ug/l	97
16) Acetone	3.948	43	453122	720.336	ug/l #	88
17) Carbon Disulfide	4.192	76	292625	145.796	ug/l	99
18) Methyl Acetate	4.473	43	351814	128.854	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	802669	136.918	ug/l	99
20) Methylene Chloride	4.716	84	265567	144.791	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	230785	153.738	ug/l	93
22) Diisopropyl ether	6.119	45	889702	139.455	ug/l	89
23) Vinyl Acetate	6.058	43	2362742	673.495	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	503361	143.231	ug/l	97
25) 2-Butanone	6.984	43	626263	566.855	ug/l	94
26) 2,2-Dichloropropane	6.978	77	471720	144.332	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	324675	146.540	ug/l	93
28) Bromochloromethane	7.332	49	272313	134.446	ug/l	90
29) Tetrahydrofuran	7.350	42	360595	596.631	ug/l	90
30) Chloroform	7.509	83	550582	140.458	ug/l	95
31) Cyclohexane	7.783	56	298273	138.282	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	471054	147.147	ug/l	97
36) 1,1-Dichloropropene	7.917	75	344865	155.033	ug/l	99
37) Ethyl Acetate	7.076	43	236251	123.663	ug/l #	95
38) Carbon Tetrachloride	7.905	117	406612	152.205	ug/l	99
39) Methylcyclohexane	9.185	83	359481	159.095	ug/l	92
40) Benzene	8.161	78	1050374	150.253	ug/l	99

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41) Methacrylonitrile	7.332	41	174419m	146.745	ug/l	
42) 1,2-Dichloroethane	8.240	62	330314	138.614	ug/l	93
43) Isopropyl Acetate	8.271	43	460864	130.321	ug/l #	93
44) Trichloroethene	8.941	130	300790	148.695	ug/l	97
45) 1,2-Dichloropropane	9.216	63	302618	143.919	ug/l	99
46) Dibromomethane	9.307	93	176114	140.745	ug/l	97
47) Bromodichloromethane	9.496	83	444591	142.861	ug/l	98
48) Methyl methacrylate	9.295	41	204875	131.184	ug/l #	86
49) 1,4-Dioxane	9.295	88	56327	2589.534	ug/l #	51
51) 4-Methyl-2-Pentanone	10.069	43	1284824	607.259	ug/l	90
52) Toluene	10.246	92	685876	147.807	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	455463	144.770	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	499483	146.155	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	269465	135.244	ug/l	98
56) Ethyl methacrylate	10.514	69	373811	138.195	ug/l #	84
57) 1,3-Dichloropropane	10.795	76	441160	137.334	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	1156076	701.202	ug/l	94
59) 2-Hexanone	10.831	43	940978	587.858	ug/l	87
60) Dibromochloromethane	10.990	129	334743	140.144	ug/l	100
61) 1,2-Dibromoethane	11.093	107	249451	137.081	ug/l	100
64) Tetrachloroethene	10.721	164	286381	136.592	ug/l	97
65) Chlorobenzene	11.520	112	808031	144.192	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	331639	144.793	ug/l	99
67) Ethyl Benzene	11.593	91	1426303	148.361	ug/l	99
68) m/p-Xylenes	11.703	106	1078195	297.631	ug/l	95
69) o-Xylene	12.032	106	532662	146.959	ug/l	97
70) Styrene	12.044	104	922409	145.861	ug/l	97
71) Bromoform	12.209	173	217857	136.589	ug/l #	98
73) Isopropylbenzene	12.331	105	1454125	149.345	ug/l	100
74) N-amyl acetate	12.148	43	410799	133.879	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	334347	132.430	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	216933m	124.088	ug/l	
77) Bromobenzene	12.611	156	342972	143.654	ug/l	99
78) n-propylbenzene	12.672	91	1734814	148.159	ug/l	99
79) 2-Chlorotoluene	12.758	91	982644	147.327	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	1192427	148.591	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	113864	140.129	ug/l	90
82) 4-Chlorotoluene	12.855	91	1007837	145.000	ug/l	99
83) tert-Butylbenzene	13.081	119	1118490	149.344	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	1181730	146.230	ug/l	99
85) sec-Butylbenzene	13.258	105	1609212	146.513	ug/l	100
86) p-Isopropyltoluene	13.373	119	1339823	147.461	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	684382	142.383	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	678291	140.129	ug/l	99
89) n-Butylbenzene	13.696	91	1260119	146.557	ug/l	96
90) Hexachloroethane	13.965	117	271727	149.020	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	626167	140.147	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	56572	127.593	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	417160	145.684	ug/l	99
94) Hexachlorobutadiene	15.117	225	221750	144.619	ug/l	98
95) Naphthalene	15.239	128	935460	141.217	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	370293	145.375	ug/l	99

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

