

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080723\
 Data File : VY014969.D
 Acq On : 07 Aug 2023 17:37
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 08 07:52:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/08/2023
 Supervised By :Semsettin Yesilyurt 08/08/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	317007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	518138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	469694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	228565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	569937	148.335	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 296.680%#			
35) Dibromofluoromethane	7.710	113	500697	151.113	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 302.220%#			
50) Toluene-d8	10.179	98	1841866	146.046	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 292.100%#			
62) 4-Bromofluorobenzene	12.477	95	665686	148.931	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 297.860%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	235297	149.416	ug/l	97
3) Chloromethane	2.107	50	318022	127.473	ug/l	99
4) Vinyl Chloride	2.247	62	393636	128.047	ug/l	97
5) Bromomethane	2.613	94	221734	118.496	ug/l	99
6) Chloroethane	2.765	64	280065	131.948	ug/l	98
7) Trichlorofluoromethane	3.107	101	655592	134.952	ug/l	99
8) Diethyl Ether	3.521	74	256127	142.879	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	394598	137.214	ug/l	96
10) Methyl Iodide	4.082	142	453603	152.561	ug/l	98
11) Tert butyl alcohol	4.960	59	473573	510.707	ug/l #	85
12) 1,1-Dichloroethene	3.857	96	347034	138.498	ug/l	94
13) Acrolein	3.722	56	267862	849.135	ug/l	99
14) Allyl chloride	4.466	41	598129	143.346	ug/l	96
15) Acrylonitrile	5.155	53	799420	729.958	ug/l	99
16) Acetone	3.942	43	828621	691.599	ug/l	94
17) Carbon Disulfide	4.180	76	741701	133.881	ug/l	98
18) Methyl Acetate	4.472	43	645692	147.986	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	1385128	146.112	ug/l	99
20) Methylene Chloride	4.704	84	495645	149.451	ug/l	92
21) trans-1,2-Dichloroethene	5.210	96	396496	138.823	ug/l	95
22) Diisopropyl ether	6.112	45	1431838	147.321	ug/l	93
23) Vinyl Acetate	6.051	43	4401790	753.408	ug/l	95
24) 1,1-Dichloroethane	6.009	63	786086	142.591	ug/l	97
25) 2-Butanone	6.978	43	1215485	708.296	ug/l	96
26) 2,2-Dichloropropane	6.972	77	740191	132.693	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	510941	141.362	ug/l	96
28) Bromochloromethane	7.325	49	343942	138.398	ug/l	95
29) Tetrahydrofuran	7.344	42	738574	733.923	ug/l	92
30) Chloroform	7.502	83	857642	143.213	ug/l	96
31) Cyclohexane	7.777	56	560534	147.904	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	754107	142.889	ug/l	99
36) 1,1-Dichloropropene	7.911	75	579137	140.785	ug/l	100
37) Ethyl Acetate	7.069	43	477389	146.203	ug/l #	96
38) Carbon Tetrachloride	7.892	117	660348	142.792	ug/l	99
39) Methylcyclohexane	9.179	83	676002	138.186	ug/l	94
40) Benzene	8.155	78	1701694	140.485	ug/l	100

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 Supervised By :Semsettin Yesilyurt 08/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	236859m	149.267	ug/l	
42) 1,2-Dichloroethane	8.234	62	606979	143.956	ug/l	96
43) Isopropyl Acetate	8.270	43	904926	149.167	ug/l	98
44) Trichloroethene	8.935	130	486124	139.865	ug/l	98
45) 1,2-Dichloropropane	9.209	63	461973	143.504	ug/l	98
46) Dibromomethane	9.301	93	302598	145.913	ug/l	96
47) Bromodichloromethane	9.490	83	701846	146.965	ug/l	98
48) Methyl methacrylate	9.289	41	406258	152.630	ug/l	95
49) 1,4-Dioxane	9.295	88	112925	2927.481	ug/l #	55
51) 4-Methyl-2-Pentanone	10.069	43	2553398	746.886	ug/l	94
52) Toluene	10.240	92	1107445	142.073	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	753389	151.488	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	789685	146.969	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	432131	143.369	ug/l	95
56) Ethyl methacrylate	10.508	69	656788	152.179	ug/l	92
57) 1,3-Dichloropropane	10.788	76	720384	144.459	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	1528038	748.783	ug/l	94
59) 2-Hexanone	10.831	43	1893064	749.589	ug/l	92
60) Dibromochloromethane	10.983	129	535233	149.136	ug/l	99
61) 1,2-Dibromoethane	11.087	107	417319	145.055	ug/l	100
64) Tetrachloroethene	10.715	164	464151	131.372	ug/l	97
65) Chlorobenzene	11.514	112	1252774	140.563	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	510876	146.284	ug/l	99
67) Ethyl Benzene	11.587	91	2220243	141.948	ug/l	99
68) m/p-Xylenes	11.697	106	1703208	284.650	ug/l	96
69) o-Xylene	12.026	106	848110	144.854	ug/l	97
70) Styrene	12.038	104	1471389	147.051	ug/l	97
71) Bromoform	12.203	173	364788	151.540	ug/l #	99
73) Isopropylbenzene	12.325	105	2221660	144.596	ug/l	99
74) N-amyl acetate	12.142	43	815566	155.362	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.575	83	567371	151.107	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	383909m	140.177	ug/l	
77) Bromobenzene	12.605	156	537988	144.354	ug/l	96
78) n-propylbenzene	12.666	91	2642433	143.792	ug/l	100
79) 2-Chlorotoluene	12.751	91	1521891	145.311	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	1840003	145.323	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	199325	160.335	ug/l	96
82) 4-Chlorotoluene	12.849	91	1562688	144.332	ug/l	100
83) tert-Butylbenzene	13.068	119	1696366	146.457	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	1840912	145.119	ug/l	99
85) sec-Butylbenzene	13.251	105	2429738	142.930	ug/l	100
86) p-Isopropyltoluene	13.367	119	2051234	145.773	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	1056095	144.772	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	1038551	142.757	ug/l	99
89) n-Butylbenzene	13.690	91	1887862	142.791	ug/l	96
90) Hexachloroethane	13.958	117	403077	147.508	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	963804	143.156	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	107120	146.115	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	629060	146.015	ug/l	98
94) Hexachlorobutadiene	15.105	225	326467	139.744	ug/l	99
95) Naphthalene	15.233	128	1551914	153.094	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	572910	146.914	ug/l	99

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

