

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017347.D
 Acq On : 09 Feb 2024 18:19
 Operator : SY/MD
 Sample : P1414-02MS
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6(15-16)MS

Quant Time: Feb 09 22:06:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/12/2024
 Supervised By :Semsettin Yesilyurt 02/12/2024

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	87075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	150783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	133154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	47322	60.835	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.680%			
35) Dibromofluoromethane	7.728	113	48487	59.557	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.120%			
50) Toluene-d8	10.185	98	168901	56.981	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.960%			
62) 4-Bromofluorobenzene	12.483	95	54449	56.074	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	39928	60.488	ug/l	97
3) Chloromethane	2.113	50	77335	65.217	ug/l	100
4) Vinyl Chloride	2.253	62	89920	62.226	ug/l	100
5) Bromomethane	2.650	94	66404	66.292	ug/l	98
6) Chloroethane	2.796	64	58451	62.645	ug/l	98
7) Trichlorofluoromethane	3.125	101	93954	63.228	ug/l	99
8) Diethyl Ether	3.534	74	33661	72.017	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	56431	62.648	ug/l	100
10) Methyl Iodide	4.101	142	56159	59.304	ug/l	99
11) Tert butyl alcohol	4.960	59	23729	370.370	ug/l	98
12) 1,1-Dichloroethene	3.881	96	55631	65.911	ug/l	93
13) Acrolein	3.735	56	18840	294.381	ug/l	100
14) Allyl chloride	4.485	41	86111	67.486	ug/l	99
15) Acrylonitrile	5.174	53	80565	382.829	ug/l	100
16) Acetone	3.954	43	64729	283.119	ug/l	97
17) Carbon Disulfide	4.198	76	170611	63.324	ug/l	100
18) Methyl Acetate	4.485	43	52784	103.492	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	147546	72.584	ug/l	97
20) Methylene Chloride	4.722	84	71522	78.369	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	65112	67.812	ug/l	99
22) Diisopropyl ether	6.131	45	196281	70.048	ug/l	96
23) Vinyl Acetate	6.070	43	522481	307.731	ug/l	99
24) 1,1-Dichloroethane	6.027	63	114439	66.668	ug/l	99
25) 2-Butanone	6.996	43	103352	340.049	ug/l	98
26) 2,2-Dichloropropane	6.990	77	89740	62.852	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	74026	68.932	ug/l	98
28) Bromochloromethane	7.338	49	35656	54.249	ug/l	98
29) Tetrahydrofuran	7.356	42	67572	393.569	ug/l	99
30) Chloroform	7.515	83	117875	68.262	ug/l	97
31) Cyclohexane	7.795	56	93859	59.863	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	97887	65.903	ug/l	99
36) 1,1-Dichloropropene	7.929	75	89344	63.620	ug/l	99
37) Ethyl Acetate	7.082	43	45737	70.220	ug/l	99
38) Carbon Tetrachloride	7.911	117	85814	63.822	ug/l	98
39) Methylcyclohexane	9.191	83	102184	62.284	ug/l	98
40) Benzene	8.173	78	269892	67.299	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	24958m	80.875	ug/l	
42) 1,2-Dichloroethane	8.246	62	72448	68.231	ug/l	99
43) Isopropyl Acetate	8.283	43	82641	71.674	ug/l	100
44) Trichloroethene	8.947	130	67909	66.709	ug/l	96
45) 1,2-Dichloropropane	9.222	63	66552	67.562	ug/l	100
46) Dibromomethane	9.313	93	37495	70.466	ug/l	99
47) Bromodichloromethane	9.502	83	90112	67.669	ug/l	99
48) Methyl methacrylate	9.301	41	40221	74.370	ug/l	97
49) 1,4-Dioxane	9.307	88	9439	1629.762	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	238184	385.369	ug/l	99
52) Toluene	10.246	92	162538	67.146	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	87247	69.751	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	104019	69.429	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	51804	71.557	ug/l	95
56) Ethyl methacrylate	10.514	69	65908	66.603	ug/l	100
57) 1,3-Dichloropropane	10.794	76	89335	71.744	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	143199	317.505	ug/l	99
59) 2-Hexanone	10.837	43	158423	354.472	ug/l	100
60) Dibromochloromethane	10.990	129	59191	69.694	ug/l	99
61) 1,2-Dibromoethane	11.093	107	49162	73.016	ug/l	99
64) Tetrachloroethene	10.727	164	56633	65.489	ug/l	97
65) Chlorobenzene	11.520	112	166911	64.980	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	62379	66.825	ug/l	98
67) Ethyl Benzene	11.599	91	304996	65.699	ug/l	99
68) m/p-Xylenes	11.709	106	233091	132.308	ug/l	98
69) o-Xylene	12.032	106	109276	67.356	ug/l	99
70) Styrene	12.044	104	184173	68.899	ug/l	98
71) Bromoform	12.209	173	35549	72.717	ug/l #	99
73) Isopropylbenzene	12.331	105	280345	65.559	ug/l	99
74) N-amyl acetate	12.148	43	64159	66.773	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	60183	71.555	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	39098m	72.773	ug/l	
77) Bromobenzene	12.611	156	63741	67.200	ug/l	98
78) n-propylbenzene	12.672	91	338763	64.502	ug/l	99
79) 2-Chlorotoluene	12.758	91	185708	64.317	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	224185	65.918	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	18076	69.909	ug/l	98
82) 4-Chlorotoluene	12.855	91	189318	63.707	ug/l	98
83) tert-Butylbenzene	13.075	119	188001	64.489	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	219810	65.479	ug/l	97
85) sec-Butylbenzene	13.257	105	287096	63.010	ug/l	99
86) p-Isopropyltoluene	13.373	119	232223	63.780	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	120089	63.464	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	116465	63.353	ug/l	98
89) n-Butylbenzene	13.696	91	210424	60.785	ug/l	99
90) Hexachloroethane	13.965	117	45584	60.984	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	106635	66.197	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7894	72.056	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	49625	62.021	ug/l	98
94) Hexachlorobutadiene	15.111	225	24616	52.236	ug/l	98
95) Naphthalene	15.239	128	107907	64.650	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	42313	62.178	ug/l	97

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

