

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
 Data File : VY015840.D
 Acq On : 04 Oct 2023 20:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 05 06:59:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2023
 Supervised By :Semsettin Yesilyurt 10/06/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	192707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	324128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	298902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	119424	56.324	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.640%			
35) Dibromofluoromethane	7.716	113	108339	55.844	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.680%			
50) Toluene-d8	10.179	98	367262	55.833	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.660%			
62) 4-Bromofluorobenzene	12.477	95	146871	56.896	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	58787	46.280	ug/l	97
3) Chloromethane	2.107	50	72430	45.198	ug/l	99
4) Vinyl Chloride	2.241	62	86551	47.237	ug/l	95
5) Bromomethane	2.637	94	55413	34.551	ug/l	99
6) Chloroethane	2.778	64	61155	45.030	ug/l	98
7) Trichlorofluoromethane	3.107	101	157583	51.283	ug/l	98
8) Diethyl Ether	3.521	74	71126	54.278	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.887	101	100239	52.100	ug/l	95
10) Methyl Iodide	4.082	142	87870	39.448	ug/l	98
11) Tert butyl alcohol	4.985	59	171060	385.758	ug/l #	81
12) 1,1-Dichloroethene	3.857	96	84597	49.899	ug/l	93
13) Acrolein	3.723	56	82488	254.026	ug/l	99
14) Allyl chloride	4.466	41	159614	51.493	ug/l	93
15) Acrylonitrile	5.161	53	323775	336.814	ug/l	98
16) Acetone	3.954	43	277800	244.823	ug/l	94
17) Carbon Disulfide	4.180	76	138816	42.148	ug/l	98
18) Methyl Acetate	4.472	43	267758	70.330	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	408917	59.221	ug/l	98
20) Methylene Chloride	4.704	84	137436	55.875	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	98870	51.021	ug/l	96
22) Diisopropyl ether	6.118	45	403035	54.027	ug/l #	91
23) Vinyl Acetate	6.058	43	1293811	280.990	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	212011	52.141	ug/l	98
25) 2-Butanone	6.984	43	486991	303.637	ug/l	96
26) 2,2-Dichloropropane	6.972	77	168954	45.462	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	136152	52.924	ug/l	94
28) Bromochloromethane	7.326	49	69445	62.951	ug/l	97
29) Tetrahydrofuran	7.350	42	319015	351.913	ug/l	92
30) Chloroform	7.502	83	233774	53.687	ug/l	96
31) Cyclohexane	7.783	56	136796	46.573	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	190376	52.961	ug/l	98
36) 1,1-Dichloropropene	7.911	75	145028	50.559	ug/l	100
37) Ethyl Acetate	7.070	43	188169	65.766	ug/l #	96
38) Carbon Tetrachloride	7.893	117	163934	52.650	ug/l	99
39) Methylcyclohexane	9.179	83	159595	50.303	ug/l	95
40) Benzene	8.155	78	451806	51.649	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	80648	52.349	ug/l	93
42) 1,2-Dichloroethane	8.234	62	167568	55.933	ug/l	94
43) Isopropyl Acetate	8.271	43	310139	63.456	ug/l	98
44) Trichloroethene	8.935	130	132220	54.118	ug/l	98
45) 1,2-Dichloropropane	9.215	63	131998	54.110	ug/l	97
46) Dibromomethane	9.301	93	88786	56.898	ug/l	96
47) Bromodichloromethane	9.496	83	195257	56.138	ug/l	98
48) Methyl methacrylate	9.289	41	137036	63.878	ug/l	90
49) 1,4-Dioxane	9.313	88	49143	1594.123	ug/l #	52
51) 4-Methyl-2-Pentanone	10.069	43	1025640	338.572	ug/l	92
52) Toluene	10.240	92	297359	52.728	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	208282	55.842	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	216010	53.802	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	132693	58.026	ug/l	98
56) Ethyl methacrylate	10.508	69	212925	63.183	ug/l	87
57) 1,3-Dichloropropane	10.788	76	220316	57.451	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	270432	252.633	ug/l	95
59) 2-Hexanone	10.831	43	786940	338.597	ug/l	89
60) Dibromochloromethane	10.983	129	156917	58.783	ug/l	99
61) 1,2-Dibromoethane	11.087	107	131895	58.957	ug/l	99
64) Tetrachloroethene	10.721	164	148554	57.927	ug/l	97
65) Chlorobenzene	11.514	112	348637	53.435	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	142068	56.057	ug/l	98
67) Ethyl Benzene	11.593	91	601800	52.772	ug/l	99
68) m/p-Xylenes	11.703	106	459225	105.947	ug/l	95
69) o-Xylene	12.026	106	228834	53.840	ug/l	99
70) Styrene	12.044	104	408072	56.090	ug/l	96
71) Bromoform	12.209	173	117051	63.735	ug/l #	98
73) Isopropylbenzene	12.331	105	608751	52.116	ug/l	100
74) N-amyl acetate	12.142	43	268252	61.103	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	193144	59.413	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	151853m	61.131	ug/l	
77) Bromobenzene	12.605	156	151537	52.851	ug/l	90
78) n-propylbenzene	12.672	91	737872	51.998	ug/l	100
79) 2-Chlorotoluene	12.758	91	425872	52.650	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	516103	52.778	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	66384	60.180	ug/l	94
82) 4-Chlorotoluene	12.855	91	444416	52.630	ug/l	100
83) tert-Butylbenzene	13.075	119	461055	53.833	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	521787	53.329	ug/l	98
85) sec-Butylbenzene	13.251	105	684161	53.379	ug/l	100
86) p-Isopropyltoluene	13.367	119	571921	53.419	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	302672	53.210	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	307036	53.970	ug/l	99
89) n-Butylbenzene	13.696	91	538977	53.163	ug/l	96
90) Hexachloroethane	13.959	117	110604	53.527	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	292414	55.688	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	43944	68.062	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	188624	57.061	ug/l	99
94) Hexachlorobutadiene	15.111	225	93632	55.310	ug/l	98
95) Naphthalene	15.233	128	570575	66.195	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	178403	58.472	ug/l	99

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

