

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008831.D
 Acq On : 18 May 2022 22:16
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 19 03:14:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/23/2022
 Supervised By :Mahesh Dadoda 05/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	140548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	233107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	248264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	83586	64.106	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.220%			
35) Dibromofluoromethane	7.716	113	78778	57.840	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.680%			
50) Toluene-d8	10.179	98	343930	56.378	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.760%			
62) 4-Bromofluorobenzene	12.483	95	129955	59.444	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	45037	51.728	ug/l	100
3) Chloromethane	2.113	50	73399	59.761	ug/l	98
4) Vinyl Chloride	2.247	62	108304	58.116	ug/l	98
5) Bromomethane	2.643	94	99373	61.113	ug/l	98
6) Chloroethane	2.790	64	82858	58.034	ug/l	98
7) Trichlorofluoromethane	3.125	101	101408	54.308	ug/l	96
8) Diethyl Ether	3.527	74	34490	55.385	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.899	101	63623	55.442	ug/l	94
10) Methyl Iodide	4.088	142	72649	49.893	ug/l	92
11) Tert butyl alcohol	4.954	59	32603	226.245	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	57847	48.505	ug/l #	80
13) Acrolein	3.729	56	9125	128.002	ug/l	100
14) Allyl chloride	4.479	41	90388	51.526	ug/l #	89
15) Acrylonitrile	5.161	53	100476	237.934	ug/l	98
16) Acetone	3.942	43	73002	251.085	ug/l	96
17) Carbon Disulfide	4.192	76	156006	51.080	ug/l	100
18) Methyl Acetate	4.472	43	44599	47.968	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	193336	60.193	ug/l	95
20) Methylene Chloride	4.710	84	80318	61.240	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	73589	50.324	ug/l	87
22) Diisopropyl ether	6.118	45	236862	63.758	ug/l #	96
23) Vinyl Acetate	6.057	43	803804	306.867	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	134548	54.581	ug/l	98
25) 2-Butanone	6.984	43	136363	249.209	ug/l #	90
26) 2,2-Dichloropropane	6.978	77	117586	50.187	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	90939	56.070	ug/l	87
28) Bromochloromethane	7.332	49	54660	58.487	ug/l #	87
29) Tetrahydrofuran	7.344	42	91008	249.673	ug/l #	85
30) Chloroform	7.502	83	149385	56.522	ug/l	100
31) Cyclohexane	7.783	56	113177	55.277	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	133755	54.584	ug/l	98
36) 1,1-Dichloropropene	7.917	75	110917	50.847	ug/l	98
37) Ethyl Acetate	7.069	43	62637	48.185	ug/l #	94
38) Carbon Tetrachloride	7.899	117	119364	51.058	ug/l	98
39) Methylcyclohexane	9.185	83	138323	53.470	ug/l	89
40) Benzene	8.161	78	333823	54.691	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	33864m	49.536	ug/l	
42) 1,2-Dichloroethane	8.234	62	101758	56.794	ug/l	91
43) Isopropyl Acetate	8.271	43	123418	57.032	ug/l #	93
44) Trichloroethene	8.941	130	87624	52.774	ug/l	100
45) 1,2-Dichloropropane	9.215	63	86173	59.404	ug/l	97
46) Dibromomethane	9.307	93	53733	56.371	ug/l	95
47) Bromodichloromethane	9.496	83	126668	59.943	ug/l	99
48) Methyl methacrylate	9.289	41	54086	56.921	ug/l #	83
49) 1,4-Dioxane	9.295	88	13391	935.287	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	358624	280.719	ug/l	90
52) Toluene	10.246	92	249452	60.144	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	136765	62.310	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	139191	58.808	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	80694	62.253	ug/l	97
56) Ethyl methacrylate	10.508	69	105300	66.957	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	128819	60.440	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	220232	274.623	ug/l	95
59) 2-Hexanone	10.831	43	255058	279.425	ug/l	89
60) Dibromochloromethane	10.983	129	99127	63.703	ug/l	100
61) 1,2-Dibromoethane	11.087	107	76351	59.066	ug/l	99
64) Tetrachloroethene	10.721	164	76134	47.907	ug/l	97
65) Chlorobenzene	11.514	112	269215	53.580	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	104479	56.916	ug/l	97
67) Ethyl Benzene	11.593	91	496648	55.349	ug/l	96
68) m/p-Xylenes	11.703	106	415815	116.321	ug/l	91
69) o-Xylene	12.032	106	196962	59.631	ug/l	89
70) Styrene	12.044	104	345999	61.881	ug/l	95
71) Bromoform	12.209	173	71702	57.540	ug/l #	98
73) Isopropylbenzene	12.331	105	535765	49.656	ug/l	100
74) N-amyl acetate	12.142	43	137029	53.207	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	112496	46.899	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	97710m	53.767	ug/l	
77) Bromobenzene	12.611	156	123558	49.422	ug/l	95
78) n-propylbenzene	12.672	91	663410	50.050	ug/l	99
79) 2-Chlorotoluene	12.758	91	365890	50.964	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	467544	53.670	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	37418	45.037	ug/l	86
82) 4-Chlorotoluene	12.855	91	406555	53.603	ug/l	97
83) tert-Butylbenzene	13.075	119	417232	53.256	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	473906	54.951	ug/l	97
85) sec-Butylbenzene	13.251	105	651386	53.291	ug/l	100
86) p-Isopropyltoluene	13.373	119	545557	54.738	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	277930	52.908	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	276856	53.283	ug/l	99
89) n-Butylbenzene	13.696	91	491551	51.959	ug/l	99
90) Hexachloroethane	13.965	117	98445	52.243	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	249102	54.226	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16840	41.060	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	128738	51.320	ug/l	99
94) Hexachlorobutadiene	15.111	225	69245	47.970	ug/l	99
95) Naphthalene	15.239	128	274528	48.954	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	113798	51.640	ug/l	99

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

