

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050922\
 Data File : VY008656.D
 Acq On : 09 May 2022 10:24
 Operator : KP/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 09 12:42:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 12:39:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda
 05/10/2022
 Supervised By :Semsettin
 Yesilyurt
 05/10/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	233516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	367257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	342069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	173739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	20134	8.124	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	16.240%#		
35) Dibromofluoromethane	7.716	113	22517	10.028	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.060%#		
50) Toluene-d8	10.179	98	74329	8.608	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	17.220%#		
62) 4-Bromofluorobenzene	12.483	95	29019	9.187	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	18.380%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	13807	9.914	ug/l	95
3) Chloromethane	2.113	50	15659	5.535	ug/l	100
4) Vinyl Chloride	2.259	62	18985	7.327	ug/l	97
5) Bromomethane	2.662	94	16763	4.938	ug/l	93
6) Chloroethane	2.802	64	13904	4.941	ug/l	98
7) Trichlorofluoromethane	3.131	101	22889	6.360	ug/l	94
8) Diethyl Ether	3.528	74	15886	10.253	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.899	101	24680	10.107	ug/l	93
10) Methyl Iodide	4.088	142	41041	11.135	ug/l #	87
11) Tert butyl alcohol	4.948	59	11575	47.987	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	24803	10.340	ug/l	79
13) Acrolein	3.716	56	10920	72.794	ug/l	99
14) Allyl chloride	4.472	41	32096	9.365	ug/l #	84
15) Acrylonitrile	5.155	53	35696	47.637	ug/l	97
16) Acetone	3.936	43	25777	45.418	ug/l #	86
17) Carbon Disulfide	4.198	76	66334	10.566	ug/l	99
18) Methyl Acetate	4.479	43	17596	8.658	ug/l #	81
19) Methyl tert-butyl Ether	5.216	73	49846	9.843	ug/l	92
20) Methylene Chloride	4.710	84	31137	9.519	ug/l #	75
21) trans-1,2-Dichloroethene	5.216	96	28693	9.736	ug/l #	76
22) Diisopropyl ether	6.112	45	72845	9.343	ug/l #	90
23) Vinyl Acetate	6.058	43	237837	45.872	ug/l #	88
24) 1,1-Dichloroethane	6.009	63	45230	9.127	ug/l	99
25) 2-Butanone	6.978	43	43992	46.708	ug/l #	81
26) 2,2-Dichloropropane	6.978	77	31450	9.548	ug/l	90
27) cis-1,2-Dichloroethene	6.984	96	32390	9.603	ug/l	77
28) Bromochloromethane	7.326	49	15552	8.011	ug/l #	67
29) Tetrahydrofuran	7.344	42	29947	48.048	ug/l #	78
30) Chloroform	7.502	83	48307	9.317	ug/l	99
31) Cyclohexane	7.783	56	41853	9.536	ug/l #	77
32) 1,1,1-Trichloroethane	7.697	97	39072	9.137	ug/l	94
36) 1,1-Dichloropropene	7.917	75	38245	10.656	ug/l	96
37) Ethyl Acetate	7.076	43	20289	10.494	ug/l #	90
38) Carbon Tetrachloride	7.899	117	37419	10.439	ug/l	99
39) Methylcyclohexane	9.179	83	46943	9.821	ug/l	86
40) Benzene	8.155	78	108595	10.372	ug/l	94

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41) Methacrylonitrile	7.326	41	14328m	14.674	ug/l	
42) 1,2-Dichloroethane	8.234	62	29741	9.799	ug/l	86
43) Isopropyl Acetate	8.271	43	36456	10.238	ug/l #	86
44) Trichloroethene	8.935	130	31869	10.443	ug/l	95
45) 1,2-Dichloropropane	9.216	63	26726	10.216	ug/l	96
46) Dibromomethane	9.307	93	17092	9.578	ug/l	93
47) Bromodichloromethane	9.496	83	37335	9.747	ug/l	98
48) Methyl methacrylate	9.289	41	15616	9.645	ug/l #	75
49) 1,4-Dioxane	9.301	88	3932	200.346	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	96869	49.509	ug/l #	86
52) Toluene	10.246	92	71642	9.880	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	40864	9.215	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	45043	9.815	ug/l #	77
55) 1,1,2-Trichloroethane	10.642	97	25121	9.734	ug/l	97
56) Ethyl methacrylate	10.508	69	30482	9.211	ug/l #	70
57) 1,3-Dichloropropane	10.788	76	40376	9.737	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	73981	48.152	ug/l	90
59) 2-Hexanone	10.831	43	64326	46.180	ug/l	80
60) Dibromochloromethane	10.983	129	29588	9.895	ug/l	99
61) 1,2-Dibromoethane	11.087	107	23878	9.754	ug/l	97
64) Tetrachloroethene	10.721	164	26473	10.123	ug/l	99
65) Chlorobenzene	11.514	112	78479	10.214	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	29406	10.457	ug/l	98
67) Ethyl Benzene	11.593	91	131900	9.796	ug/l	97
68) m/p-Xylenes	11.703	106	105393	17.816	ug/l	90
69) o-Xylene	12.032	106	50339	8.647	ug/l	88
70) Styrene	12.044	104	82246	8.304	ug/l	94
71) Bromoform	12.209	173	19266	9.311	ug/l #	99
73) Isopropylbenzene	12.331	105	129236	8.772	ug/l	98
74) N-amyl acetate	12.142	43	31040	8.405	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.581	83	29307	9.683	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	21539m	10.885	ug/l	
77) Bromobenzene	12.611	156	33199	10.096	ug/l	89
78) n-propylbenzene	12.672	91	154817	9.776	ug/l	97
79) 2-Chlorotoluene	12.758	91	86060	10.121	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	104813	10.017	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	10121	9.507	ug/l #	81
82) 4-Chlorotoluene	12.855	91	88746	9.984	ug/l	95
83) tert-Butylbenzene	13.075	119	93080	9.690	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	104393	9.835	ug/l	97
85) sec-Butylbenzene	13.251	105	138442	9.659	ug/l	98
86) p-Isopropyltoluene	13.367	119	113485	9.448	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	64179	10.108	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	63653	10.052	ug/l	100
89) n-Butylbenzene	13.696	91	104511	9.379	ug/l	97
90) Hexachloroethane	13.965	117	22515	9.562	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	58165	10.383	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4356	9.353	ug/l	71
93) 1,2,4-Trichlorobenzene	15.007	180	35091	9.678	ug/l	98
94) Hexachlorobutadiene	15.111	225	19121	10.002	ug/l	98
95) Naphthalene	15.239	128	71135	9.156	ug/l	97
96) 1,2,3-Trichlorobenzene	15.428	180	31630	9.854	ug/l	99

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

