

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050922\
 Data File : VY008663.D
 Acq On : 09 May 2022 16:17
 Operator : KP/MD
 Sample : VY0509SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBS01

Quant Time: May 10 03:23:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 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	227646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	364642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	339641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	170164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	109425	56.098	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.200%			
35) Dibromofluoromethane	7.716	113	122523	54.525	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.060%			
50) Toluene-d8	10.179	98	436831	55.165	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.340%			
62) 4-Bromofluorobenzene	12.483	95	155337	54.526	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	28200	23.701	ug/l	95
3) Chloromethane	2.119	50	36526	24.936	ug/l	97
4) Vinyl Chloride	2.260	62	49486	26.610	ug/l	97
5) Bromomethane	2.656	94	34888	23.343	ug/l	96
6) Chloroethane	2.796	64	29589	23.189	ug/l	97
7) Trichlorofluoromethane	3.125	101	52078	23.144	ug/l	95
8) Diethyl Ether	3.522	74	30601	21.496	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.906	101	52910	22.978	ug/l #	94
10) Methyl Iodide	4.088	142	87969	23.020	ug/l #	87
11) Tert butyl alcohol	4.954	59	20511	115.430	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	54473	22.860	ug/l #	72
13) Acrolein	3.723	56	24586	127.641	ug/l	97
14) Allyl chloride	4.473	41	69286	22.475	ug/l #	84
15) Acrylonitrile	5.161	53	68600	107.537	ug/l	96
16) Acetone	3.942	43	49388	107.320	ug/l #	77
17) Carbon Disulfide	4.192	76	147859	23.395	ug/l	99
18) Methyl Acetate	4.473	43	32061	22.638	ug/l #	81
19) Methyl tert-butyl Ether	5.222	73	98724	22.474	ug/l	94
20) Methylene Chloride	4.704	84	72118	25.805	ug/l #	75
21) trans-1,2-Dichloroethene	5.216	96	60542	22.604	ug/l #	81
22) Diisopropyl ether	6.119	45	149951	22.470	ug/l #	87
23) Vinyl Acetate	6.052	43	469914	111.482	ug/l #	89
24) 1,1-Dichloroethane	6.009	63	96266	22.467	ug/l	97
25) 2-Butanone	6.978	43	79124	104.595	ug/l #	77
26) 2,2-Dichloropropane	6.984	77	65118	22.733	ug/l	89
27) cis-1,2-Dichloroethene	6.984	96	67648	22.342	ug/l	78
28) Bromochloromethane	7.326	49	33121	21.798	ug/l #	63
29) Tetrahydrofuran	7.344	42	52707	104.252	ug/l #	76
30) Chloroform	7.503	83	101148	22.322	ug/l	99
31) Cyclohexane	7.783	56	86408	22.394	ug/l #	80
32) 1,1,1-Trichloroethane	7.698	97	85553	23.038	ug/l	94
36) 1,1-Dichloropropene	7.911	75	80749	22.366	ug/l	96
37) Ethyl Acetate	7.070	43	38592	21.498	ug/l #	91
38) Carbon Tetrachloride	7.899	117	82560	22.609	ug/l	95
39) Methylcyclohexane	9.179	83	103513	22.169	ug/l #	85
40) Benzene	8.155	78	233617	22.271	ug/l	95

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	20834m	21.488	ug/l	
42) 1,2-Dichloroethane	8.234	62	59387	21.840	ug/l	87
43) Isopropyl Acetate	8.271	43	68721	21.073	ug/l #	83
44) Trichloroethene	8.935	130	67309	21.987	ug/l	99
45) 1,2-Dichloropropane	9.216	63	55701	21.764	ug/l	97
46) Dibromomethane	9.301	93	34825	21.741	ug/l	96
47) Bromodichloromethane	9.496	83	78404	21.920	ug/l	98
48) Methyl methacrylate	9.289	41	29391	20.704	ug/l #	70
49) 1,4-Dioxane	9.301	88	7858	405.674	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	178513	104.663	ug/l #	83
52) Toluene	10.246	92	151363	22.165	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	82362	21.428	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	94241	21.485	ug/l #	78
55) 1,1,2-Trichloroethane	10.648	97	49569	21.700	ug/l	96
56) Ethyl methacrylate	10.508	69	60965	21.091	ug/l #	70
57) 1,3-Dichloropropane	10.789	76	81327	21.765	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	147077	102.758	ug/l	90
59) 2-Hexanone	10.831	43	121965	104.407	ug/l	80
60) Dibromochloromethane	10.984	129	60141	21.681	ug/l	99
61) 1,2-Dibromoethane	11.087	107	48925	21.734	ug/l	99
64) Tetrachloroethene	10.721	164	58448	22.078	ug/l	99
65) Chlorobenzene	11.520	112	167430	22.036	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	61642	21.846	ug/l	97
67) Ethyl Benzene	11.593	91	286285	21.926	ug/l	96
68) m/p-Xylenes	11.703	106	229849	43.998	ug/l	90
69) o-Xylene	12.032	106	109271	22.048	ug/l	88
70) Styrene	12.044	104	180150	21.892	ug/l	93
71) Bromoform	12.209	173	38214	21.014	ug/l #	99
73) Isopropylbenzene	12.331	105	284770	21.905	ug/l	99
74) N-amyl acetate	12.148	43	61386	21.030	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.581	83	56221	20.661	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	35586m	18.552	ug/l	
77) Bromobenzene	12.611	156	71064	21.848	ug/l	87
78) n-propylbenzene	12.672	91	335834	21.727	ug/l	96
79) 2-Chlorotoluene	12.758	91	192550	22.518	ug/l	96
80) 1,3,5-Trimethylbenzene	12.819	105	232442	22.076	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	19887	20.627	ug/l #	76
82) 4-Chlorotoluene	12.855	91	194692	21.956	ug/l	95
83) tert-Butylbenzene	13.081	119	214735	22.733	ug/l	90
84) 1,2,4-Trimethylbenzene	13.123	105	230610	22.177	ug/l	97
85) sec-Butylbenzene	13.258	105	307165	22.001	ug/l	99
86) p-Isopropyltoluene	13.373	119	256495	22.109	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	137890	21.915	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	136224	21.835	ug/l	98
89) n-Butylbenzene	13.697	91	234554	22.092	ug/l	97
90) Hexachloroethane	13.965	117	49060	21.781	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	122025	21.865	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8263	20.517	ug/l	64
93) 1,2,4-Trichlorobenzene	15.013	180	77438	21.721	ug/l	99
94) Hexachlorobutadiene	15.117	225	44116	22.582	ug/l	99
95) Naphthalene	15.239	128	154242	21.147	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	67070	21.347	ug/l	98

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

