

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008853.D
 Acq On : 19 May 2022 07:15
 Operator : KP/MD
 Sample : N2841-21MS
 Misc : 4.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P009-SS003-2430-01MS

Quant Time: May 19 08:10:43 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						05/23/2022
1) Pentafluorobenzene	7.789	168	84972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	154235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	150055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72889	50.000	ug/l	0.00
System Monitoring Compounds						05/23/2022
33) 1,2-Dichloroethane-d4	8.142	65	67844	86.065	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	172.120%#
35) Dibromofluoromethane	7.716	113	63496	70.460	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	140.920%
50) Toluene-d8	10.179	98	256714	63.195	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	126.380%
62) 4-Bromofluorobenzene	12.483	95	82152	56.950	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	35008	68.521	ug/l	99
3) Chloromethane	2.113	50	53162	74.094	ug/l	98
4) Vinyl Chloride	2.247	62	89504	82.906	ug/l	100
5) Bromomethane	2.650	94	60587	61.654	ug/l	98
6) Chloroethane	2.790	64	66353	79.341	ug/l	99
7) Trichlorofluoromethane	3.125	101	77450	70.233	ug/l	100
8) Diethyl Ether	3.527	74	27586	73.271	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.899	101	47405	69.492	ug/l	94
10) Methyl Iodide	4.088	142	28662	32.558	ug/l	95
11) Tert butyl alcohol	4.954	59	22386m	256.949	ug/l	
12) 1,1-Dichloroethene	3.875	96	43443	60.253	ug/l #	80
13) Acrolein	3.729	56	266	6.172	ug/l #	33
14) Allyl chloride	4.478	41	62391	58.828	ug/l #	81
15) Acrylonitrile	5.161	53	58812	230.361	ug/l	98
16) Acetone	3.942	43	51590	298.571	ug/l	94
17) Carbon Disulfide	4.192	76	112785	61.998	ug/l	99
18) Methyl Acetate	4.478	43	69800	132.371	ug/l #	89
19) Methyl tert-butyl Ether	5.210	73	147921	76.175	ug/l	96
20) Methylene Chloride	4.716	84	61775	79.956	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	55473	62.747	ug/l	87
22) Diisopropyl ether	6.118	45	170642	75.975	ug/l	90
23) Vinyl Acetate	6.118	43	119078m	75.194	ug/l	
24) 1,1-Dichloroethane	6.015	63	104758	70.292	ug/l	100
25) 2-Butanone	6.984	43	85012	256.978	ug/l	92
26) 2,2-Dichloropropane	6.984	77	81005	57.187	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	67397	68.734	ug/l	87
28) Bromochloromethane	7.332	49	40725	72.077	ug/l #	87
29) Tetrahydrofuran	7.344	42	62031	281.481	ug/l	89
30) Chloroform	7.508	83	115376	72.206	ug/l	99
31) Cyclohexane	7.783	56	77625	63.153	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	98287	66.344	ug/l	98
36) 1,1-Dichloropropene	7.917	75	78518	54.401	ug/l	97
37) Ethyl Acetate	7.069	43	12869	14.962	ug/l #	81
38) Carbon Tetrachloride	7.899	117	85581	55.327	ug/l	98
39) Methylcyclohexane	9.185	83	79830	46.639	ug/l	87
40) Benzene	8.161	78	251866	62.365	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	17214m	38.057	ug/l	93
42) 1,2-Dichloroethane	8.234	62	77219	65.137	ug/l	93
43) Isopropyl Acetate	8.271	43	36772	25.682	ug/l #	63
44) Trichloroethene	8.941	130	65090	59.249	ug/l	99
45) 1,2-Dichloropropane	9.215	63	66635	69.426	ug/l	91
46) Dibromomethane	9.301	93	41061	65.105	ug/l	93
47) Bromodichloromethane	9.496	83	95390	68.225	ug/l	98
48) Methyl methacrylate	9.289	41	39460	62.764	ug/l #	83
49) 1,4-Dioxane	9.295	88	10191	1075.774	ug/l	85
51) 4-Methyl-2-Pentanone	10.069	43	221223	261.719	ug/l	91
52) Toluene	10.246	92	173569	63.248	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	87833	60.480	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	91778	58.605	ug/l	89
55) 1,1,2-Trichloroethane	10.642	97	58355	68.041	ug/l	96
56) Ethyl methacrylate	10.508	69	29208	28.070	ug/l	86
57) 1,3-Dichloropropane	10.788	76	93003	65.950	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	167849	316.335	ug/l	95
59) 2-Hexanone	10.831	43	120388	199.334	ug/l	91
60) Dibromochloromethane	10.983	129	67120	65.192	ug/l	99
61) 1,2-Dibromoethane	11.087	107	51379	60.073	ug/l	99
64) Tetrachloroethene	10.721	164	69196	72.039	ug/l	96
65) Chlorobenzene	11.514	112	178700	58.842	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	71885	64.790	ug/l	97
67) Ethyl Benzene	11.593	91	326028	60.114	ug/l	99
68) m/p-Xylenes	11.703	106	264537	122.436	ug/l	91
69) o-Xylene	12.032	106	127836	64.034	ug/l	89
70) Styrene	12.044	104	207351	61.355	ug/l	94
71) Bromoform	12.209	173	43263	57.440	ug/l #	99
73) Isopropylbenzene	12.331	105	314699	62.952	ug/l	100
74) N-amyl acetate	12.142	43	12412	10.402	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	70961	63.851	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	51524m	61.194	ug/l	99
77) Bromobenzene	12.611	156	74655	64.451	ug/l	95
78) n-propylbenzene	12.672	91	372440	60.645	ug/l	100
79) 2-Chlorotoluene	12.757	91	210401	63.253	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	248782	61.638	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	17851	46.374	ug/l	88
82) 4-Chlorotoluene	12.855	91	225142	64.069	ug/l	97
83) tert-Butylbenzene	13.075	119	208451	57.427	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	254830	63.776	ug/l	97
85) sec-Butylbenzene	13.257	105	304103	53.698	ug/l	100
86) p-Isopropyltoluene	13.373	119	252759	54.737	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	144108	59.210	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	142289	59.105	ug/l	99
89) n-Butylbenzene	13.696	91	208950	47.671	ug/l	99
90) Hexachloroethane	13.965	117	38746	44.379	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	129264	60.734	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10202	53.688	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	41550	35.750	ug/l	98
94) Hexachlorobutadiene	15.117	225	14316	21.406	ug/l	97
95) Naphthalene	15.239	128	102903	39.605	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	35240	34.515	ug/l	98

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

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

05/23/2022
Supervised By :Mahesh
Dadoda

05/23/2022

