

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009146.D
 Acq On : 06 Jun 2022 14:41
 Operator : KP/MD
 Sample : VY0606SBS03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBS03

Quant Time: Jun 07 02:31:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/07/2022
 Supervised By :Semsettin Yesilyurt 06/07/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	106974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	180939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	167191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50610	45.969	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.940%		
35) Dibromofluoromethane	7.710	113	54466	48.408	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.820%		
50) Toluene-d8	10.179	98	169073	40.732	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	81.460%		
62) 4-Bromofluorobenzene	12.477	95	76156	45.482	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	17971	18.368	ug/l	98
3) Chloromethane	2.113	50	33431	23.850	ug/l	99
4) Vinyl Chloride	2.247	62	50020	24.087	ug/l	98
5) Bromomethane	2.625	94	51445	25.272	ug/l	100
6) Chloroethane	2.778	64	37072	25.199	ug/l	99
7) Trichlorofluoromethane	3.119	101	37315	21.159	ug/l	92
8) Diethyl Ether	3.521	74	11440	20.746	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.893	101	21527	19.861	ug/l	93
10) Methyl Iodide	4.076	142	19341	17.281	ug/l	92
11) Tert butyl alcohol	4.954	59	9472	84.819	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	19274	19.156	ug/l	81
13) Acrolein	3.729	56	3809	103.624	ug/l	99
14) Allyl chloride	4.472	41	29597	19.519	ug/l #	89
15) Acrylonitrile	5.149	53	28711	92.990	ug/l	96
16) Acetone	3.936	43	22283	97.233	ug/l #	88
17) Carbon Disulfide	4.180	76	58290	17.733	ug/l	98
18) Methyl Acetate	4.460	43	15064	21.109	ug/l #	56
19) Methyl tert-butyl Ether	5.216	73	56998	18.873	ug/l #	90
20) Methylene Chloride	4.704	84	25905	14.507	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	23566	18.248	ug/l	83
22) Diisopropyl ether	6.118	45	70362	19.315	ug/l #	96
23) Vinyl Acetate	6.058	43	219364	91.033	ug/l	95
24) 1,1-Dichloroethane	6.009	63	41995	19.274	ug/l	98
25) 2-Butanone	6.984	43	36536	89.259	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	39198	19.529	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	27458	18.861	ug/l	89
28) Bromochloromethane	7.332	49	14711	19.670	ug/l	91
29) Tetrahydrofuran	7.344	42	24002	86.324	ug/l #	85
30) Chloroform	7.502	83	46302	19.686	ug/l	98
31) Cyclohexane	7.783	56	37921	17.606	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	41382	19.393	ug/l	99
36) 1,1-Dichloropropene	7.917	75	34579	18.059	ug/l	98
37) Ethyl Acetate	7.070	43	16479	16.591	ug/l #	94
38) Carbon Tetrachloride	7.893	117	35619	17.782	ug/l	97
39) Methylcyclohexane	9.179	83	40464	16.372	ug/l	89
40) Benzene	8.155	78	100781	18.252	ug/l	97

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41) Methacrylonitrile	7.301	41	9474m	18.484	ug/l	
42) 1,2-Dichloroethane	8.234	62	30421	18.763	ug/l	92
43) Isopropyl Acetate	8.271	43	33457	18.116	ug/l #	93
44) Trichloroethene	8.935	130	26602	18.196	ug/l	92
45) 1,2-Dichloropropane	9.216	63	25372	19.137	ug/l	97
46) Dibromomethane	9.301	93	15898	18.858	ug/l	93
47) Bromodichloromethane	9.496	83	36486	18.938	ug/l	100
48) Methyl methacrylate	9.289	41	14035	17.019	ug/l #	80
49) 1,4-Dioxane	9.301	88	3586	318.210	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	87666	85.769	ug/l	93
52) Toluene	10.240	92	66652	17.273	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	36523	17.851	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	40747	18.526	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	21111	17.899	ug/l	99
56) Ethyl methacrylate	10.508	69	24737	16.405	ug/l	89
57) 1,3-Dichloropropane	10.788	76	34066	17.706	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	50037	76.702	ug/l	95
59) 2-Hexanone	10.831	43	58658	83.819	ug/l	92
60) Dibromochloromethane	10.983	129	24739	17.304	ug/l	99
61) 1,2-Dibromoethane	11.087	107	19416	16.613	ug/l	96
64) Tetrachloroethene	10.715	164	23122	19.000	ug/l	99
65) Chlorobenzene	11.514	112	72349	18.854	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.587	131	25902	18.434	ug/l	97
67) Ethyl Benzene	11.587	91	126966	18.359	ug/l	99
68) m/p-Xylenes	11.697	106	100651	35.852	ug/l	92
69) o-Xylene	12.026	106	46577	17.866	ug/l	92
70) Styrene	12.044	104	78268	17.458	ug/l	95
71) Bromoform	12.209	173	15189	16.307	ug/l #	99
73) Isopropylbenzene	12.325	105	123108	18.486	ug/l	99
74) N-amyl acetate	12.142	43	31307	20.376	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	24996	18.221	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	18071m	18.895	ug/l	
77) Bromobenzene	12.605	156	28788	18.649	ug/l	96
78) n-propylbenzene	12.666	91	155751	20.243	ug/l	100
79) 2-Chlorotoluene	12.758	91	84443	19.027	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	103800	18.596	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	8381	17.986	ug/l	92
82) 4-Chlorotoluene	12.855	91	88815	18.710	ug/l	100
83) tert-Butylbenzene	13.075	119	89932	18.161	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	105348	19.012	ug/l	97
85) sec-Butylbenzene	13.251	105	141565	18.684	ug/l	99
86) p-Isopropyltoluene	13.367	119	115695	18.311	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	61031	18.534	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	60059	18.154	ug/l	99
89) n-Butylbenzene	13.696	91	111360	19.266	ug/l	99
90) Hexachloroethane	13.959	117	23176	19.574	ug/l	80
91) 1,2-Dichlorobenzene	13.739	146	52813	18.169	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3630	17.044	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	29241	18.329	ug/l	98
94) Hexachlorobutadiene	15.111	225	15756	18.121	ug/l	94
95) Naphthalene	15.233	128	55417	17.292	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	25432	18.345	ug/l	98

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

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