

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009138.D
 Acq On : 06 Jun 2022 11:33
 Operator : KP/MD
 Sample : VY0606SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBS01

Quant Time: Jun 07 02:29:30 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	114660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	189956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	178057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	49274	41.755	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.520%		
35) Dibromofluoromethane	7.716	113	53737	45.493	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.980%		
50) Toluene-d8	10.179	98	164631	37.779	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	75.560%		
62) 4-Bromofluorobenzene	12.483	95	74751	42.524	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	85.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	18144	17.301	ug/l	94
3) Chloromethane	2.113	50	32763	21.807	ug/l	100
4) Vinyl Chloride	2.247	62	49167	22.089	ug/l	97
5) Bromomethane	2.625	94	52254	23.949	ug/l	98
6) Chloroethane	2.784	64	36013	22.838	ug/l	98
7) Trichlorofluoromethane	3.119	101	38198	20.208	ug/l	99
8) Diethyl Ether	3.521	74	11012	18.631	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.887	101	21368	18.393	ug/l	93
10) Methyl Iodide	4.082	142	18680	15.572	ug/l	92
11) Tert butyl alcohol	4.960	59	10265	85.758	ug/l #	92
12) 1,1-Dichloroethene	3.869	96	19767	18.329	ug/l	83
13) Acrolein	3.723	56	4449	112.921	ug/l	98
14) Allyl chloride	4.479	41	29503	18.153	ug/l #	85
15) Acrylonitrile	5.155	53	30597	92.456	ug/l	99
16) Acetone	3.942	43	23786	96.833	ug/l	96
17) Carbon Disulfide	4.186	76	59941	17.013	ug/l	97
18) Methyl Acetate	4.472	43	15764	20.609	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	58324	18.018	ug/l	91
20) Methylene Chloride	4.710	84	25191	12.269	ug/l #	82
21) trans-1,2-Dichloroethene	5.210	96	24436	17.653	ug/l	93
22) Diisopropyl ether	6.112	45	70138	17.963	ug/l #	95
23) Vinyl Acetate	6.058	43	227003	87.888	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	42920	18.378	ug/l	98
25) 2-Butanone	6.978	43	39623	90.312	ug/l	93
26) 2,2-Dichloropropane	6.984	77	39972	18.580	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	27109	17.373	ug/l	90
28) Bromochloromethane	7.332	49	15530	19.374	ug/l	95
29) Tetrahydrofuran	7.344	42	26490	88.885	ug/l #	87
30) Chloroform	7.502	83	46411	18.410	ug/l	98
31) Cyclohexane	7.783	56	39004	16.895	ug/l #	89
32) 1,1,1-Trichloroethane	7.697	97	41324	18.068	ug/l	98
36) 1,1-Dichloropropene	7.917	75	34752	17.288	ug/l	97
37) Ethyl Acetate	7.070	43	18207	17.460	ug/l	96
38) Carbon Tetrachloride	7.899	117	36308	17.266	ug/l	95
39) Methylcyclohexane	9.185	83	41788	16.105	ug/l	87
40) Benzene	8.155	78	101276	17.471	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	8475	15.750	ug/l #	65
42) 1,2-Dichloroethane	8.234	62	29964	17.604	ug/l	92
43) Isopropyl Acetate	8.271	43	34363	17.723	ug/l #	91
44) Trichloroethene	8.935	130	26557	17.303	ug/l	96
45) 1,2-Dichloropropane	9.209	63	24534	17.627	ug/l	98
46) Dibromomethane	9.301	93	15956	18.029	ug/l	92
47) Bromodichloromethane	9.496	83	36861	18.224	ug/l	98
48) Methyl methacrylate	9.289	41	14849	17.151	ug/l #	79
49) 1,4-Dioxane	9.295	88	3849	325.335	ug/l	87
51) 4-Methyl-2-Pentanone	10.069	43	96086	89.544	ug/l	95
52) Toluene	10.240	92	65622	16.199	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	37410	17.417	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	40431	17.510	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	21326	17.223	ug/l	92
56) Ethyl methacrylate	10.508	69	25576	16.156	ug/l	89
57) 1,3-Dichloropropane	10.788	76	35013	17.335	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	57993	84.677	ug/l	97
59) 2-Hexanone	10.831	43	63731	86.745	ug/l	89
60) Dibromochloromethane	10.983	129	25307	16.861	ug/l	98
61) 1,2-Dibromoethane	11.087	107	19939	16.251	ug/l	98
64) Tetrachloroethene	10.715	164	23231	17.925	ug/l	97
65) Chlorobenzene	11.514	112	69535	17.014	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	25046	16.737	ug/l	93
67) Ethyl Benzene	11.593	91	123833	16.814	ug/l	98
68) m/p-Xylenes	11.703	106	100451	33.598	ug/l	91
69) o-Xylene	12.026	106	46388	16.708	ug/l	91
70) Styrene	12.044	104	77756	16.285	ug/l	95
71) Bromoform	12.209	173	15846	15.974	ug/l #	98
73) Isopropylbenzene	12.331	105	122358	17.443	ug/l	99
74) N-amyl acetate	12.142	43	32409	20.024	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	27278	18.877	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	19545m	19.401	ug/l	
77) Bromobenzene	12.605	156	28376	17.450	ug/l	96
78) n-propylbenzene	12.672	91	156344	19.291	ug/l	100
79) 2-Chlorotoluene	12.758	91	83395	17.839	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	103393	17.585	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	8530	17.379	ug/l	94
82) 4-Chlorotoluene	12.855	91	87901	17.580	ug/l	97
83) tert-Butylbenzene	13.075	119	88819	17.027	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	104320	17.873	ug/l	98
85) sec-Butylbenzene	13.251	105	141570	17.738	ug/l	99
86) p-Isopropyltoluene	13.367	119	114672	17.230	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	59579	17.176	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	61209	17.564	ug/l	99
89) n-Butylbenzene	13.696	91	113297	18.608	ug/l	97
90) Hexachloroethane	13.959	117	23080	18.505	ug/l	80
91) 1,2-Dichlorobenzene	13.739	146	53533	17.483	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4150	18.498	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	29500	17.555	ug/l	98
94) Hexachlorobutadiene	15.111	225	16804	18.347	ug/l	99
95) Naphthalene	15.239	128	56935	16.865	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	25328	17.344	ug/l	100

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

