

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008745.D
 Acq On : 13 May 2022 13:40
 Operator : KP/MD
 Sample : VY0513SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2022
 Supervised By :Semsettin Yesilyurt 05/16/2022

Quant Time: May 16 05:51:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 02:08:33 2022
 Response via : Initial Calibration

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

Internal Standards						05/16/2022
1) Pentafluorobenzene	7.789	168	177179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	301258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	279286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135719	50.000	ug/l	0.00
System Monitoring Compounds						05/16/2022
33) 1,2-Dichloroethane-d4	8.142	65	89797	50.890	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.780%	
35) Dibromofluoromethane	7.716	113	87881	48.604	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.200%	
50) Toluene-d8	10.179	98	305588	44.815	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.640%	
62) 4-Bromofluorobenzene	12.483	95	107528	45.514	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.020%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	34647	24.580	ug/l	94
3) Chloromethane	2.113	50	63473	21.577	ug/l	97
4) Vinyl Chloride	2.247	62	82928	20.767	ug/l	97
5) Bromomethane	2.637	94	81924	21.862	ug/l	99
6) Chloroethane	2.790	64	58288	21.288	ug/l	97
7) Trichlorofluoromethane	3.125	101	69095	22.519	ug/l	91
8) Diethyl Ether	3.521	74	21893	23.148	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.887	101	40271	22.170	ug/l	98
10) Methyl Iodide	4.088	142	39479	22.544	ug/l	98
11) Tert butyl alcohol	4.954	59	25656	62.426	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	37380	22.470	ug/l	99
13) Acrolein	3.729	56	16825	148.421	ug/l	92
14) Allyl chloride	4.472	41	51195	21.783	ug/l	98
15) Acrylonitrile	5.155	53	56322	116.472	ug/l	99
16) Acetone	3.942	43	41212	101.870	ug/l	99
17) Carbon Disulfide	4.192	76	108055	22.833	ug/l	95
18) Methyl Acetate	4.466	43	29201	22.523	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	110460	22.400	ug/l	100
20) Methylene Chloride	4.716	84	61082	25.228	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	44092	21.763	ug/l	96
22) Diisopropyl ether	6.118	45	119821	21.868	ug/l	99
23) Vinyl Acetate	6.057	43	396980	121.537	ug/l	97
24) 1,1-Dichloroethane	6.015	63	75112	21.682	ug/l	96
25) 2-Butanone	6.984	43	72072	115.152	ug/l	97
26) 2,2-Dichloropropane	6.984	77	70031	21.268	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	50652	21.939	ug/l	98
28) Bromochloromethane	7.332	49	27103	19.605	ug/l	98
29) Tetrahydrofuran	7.350	42	45961	113.872	ug/l	99
30) Chloroform	7.502	83	79822	21.617	ug/l	98
31) Cyclohexane	7.783	56	67584	21.221	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	72774	21.781	ug/l	97
36) 1,1-Dichloropropene	7.917	75	61668	21.330	ug/l	98
37) Ethyl Acetate	7.069	43	32461	22.188	ug/l	96
38) Carbon Tetrachloride	7.899	117	64517	21.148	ug/l	97
39) Methylcyclohexane	9.179	83	76279	20.753	ug/l	97
40) Benzene	8.161	78	175807	20.924	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	17262m	24.322	ug/l	98
42) 1,2-Dichloroethane	8.234	62	53594	22.542	ug/l	100
43) Isopropyl Acetate	8.270	43	62519	22.675	ug/l	98
44) Trichloroethene	8.941	130	47493	21.167	ug/l	91
45) 1,2-Dichloropropane	9.215	63	43756	21.570	ug/l	98
46) Dibromomethane	9.307	93	27681	21.504	ug/l	97
47) Bromodichloromethane	9.496	83	63405	21.256	ug/l	96
48) Methyl methacrylate	9.295	41	27878	23.604	ug/l	93
49) 1,4-Dioxane	9.295	88	7840	486.209	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	170633	115.415	ug/l	98
52) Toluene	10.240	92	114975	20.569	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	64755	21.057	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	72905	21.218	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	38399	21.758	ug/l	99
56) Ethyl methacrylate	10.508	69	49627	21.847	ug/l	97
57) 1,3-Dichloropropane	10.788	76	63817	22.041	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	121062	101.765	ug/l	100
59) 2-Hexanone	10.831	43	115854	116.283	ug/l	96
60) Dibromochloromethane	10.983	129	45416	21.508	ug/l	98
61) 1,2-Dibromoethane	11.087	107	37525	22.104	ug/l	96
64) Tetrachloroethene	10.721	164	43331	20.660	ug/l	96
65) Chlorobenzene	11.514	112	122784	20.671	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	44764	20.295	ug/l	97
67) Ethyl Benzene	11.593	91	217230	20.369	ug/l	98
68) m/p-Xylenes	11.703	106	172901	40.658	ug/l	99
69) o-Xylene	12.032	106	79065	19.772	ug/l	98
70) Styrene	12.044	104	133009	19.980	ug/l	98
71) Bromoform	12.209	173	26795	20.642	ug/l #	97
73) Isopropylbenzene	12.331	105	210195	20.473	ug/l	100
74) N-amyl acetate	12.142	43	53223	22.424	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	46047	21.834	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	26559m	19.447	ug/l	98
77) Bromobenzene	12.611	156	49251	21.187	ug/l	98
78) n-propylbenzene	12.672	91	256313	20.612	ug/l	100
79) 2-Chlorotoluene	12.757	91	138718	20.719	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	172928	20.656	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	15771	22.309	ug/l	99
82) 4-Chlorotoluene	12.855	91	146917	20.842	ug/l	100
83) tert-Butylbenzene	13.075	119	149846	20.146	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	174728	20.999	ug/l	99
85) sec-Butylbenzene	13.251	105	232836	20.631	ug/l	100
86) p-Isopropyltoluene	13.367	119	187967	19.954	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	97126	20.111	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	98547	20.791	ug/l	99
89) n-Butylbenzene	13.696	91	178520	20.263	ug/l	99
90) Hexachloroethane	13.958	117	36483	20.994	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	85993	20.558	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6958	22.223	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	47707	20.538	ug/l	98
94) Hexachlorobutadiene	15.111	225	24355	19.915	ug/l	98
95) Naphthalene	15.239	128	103236	20.795	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	41649	20.251	ug/l	98

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

05/16/2022
 Supervised By :Semsettin
 Yesilyurt

05/16/2022

