

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
 Data File : VY009119.D
 Acq On : 02 Jun 2022 11:27
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Jun 03 03:10:37 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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	123296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	193685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58426	46.043	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.080%
35) Dibromofluoromethane	7.716	113	62490	49.958	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.920%
50) Toluene-d8	10.179	98	199602	43.255	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.500%
62) 4-Bromofluorobenzene	12.483	95	100093	53.771	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.540%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	54142	48.012	ug/l	95
3) Chloromethane	2.113	50	94962	58.780	ug/l	98
4) Vinyl Chloride	2.247	62	137071	57.268	ug/l	98
5) Bromomethane	2.637	94	109219	46.551	ug/l	100
6) Chloroethane	2.790	64	94380	55.660	ug/l	100
7) Trichlorofluoromethane	3.119	101	105110	51.711	ug/l	95
8) Diethyl Ether	3.527	74	30589	48.128	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.893	101	59507	47.634	ug/l	94
10) Methyl Iodide	4.088	142	66855	51.827	ug/l	92
11) Tert butyl alcohol	4.954	59	29251	227.259	ug/l	96
12) 1,1-Dichloroethene	3.869	96	55692	48.023	ug/l	88
13) Acrolein	3.722	56	5503	129.890	ug/l	99
14) Allyl chloride	4.472	41	83549	47.805	ug/l #	82
15) Acrylonitrile	5.161	53	86983	244.428	ug/l	98
16) Acetone	3.942	43	75475	285.739	ug/l	91
17) Carbon Disulfide	4.192	76	176153	46.494	ug/l	98
18) Methyl Acetate	4.472	43	39637	48.189	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	165541	47.558	ug/l	97
20) Methylene Chloride	4.704	84	72436	48.912	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	69702	46.827	ug/l	87
22) Diisopropyl ether	6.112	45	209077	49.795	ug/l #	96
23) Vinyl Acetate	6.057	43	704166	253.534	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	121616	48.427	ug/l	99
25) 2-Butanone	6.978	43	122956	260.620	ug/l	92
26) 2,2-Dichloropropane	6.972	77	115488	49.922	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	79664	47.477	ug/l	91
28) Bromochloromethane	7.331	49	41131	47.717	ug/l	93
29) Tetrahydrofuran	7.344	42	76454	238.567	ug/l #	87
30) Chloroform	7.502	83	128603	47.439	ug/l	98
31) Cyclohexane	7.783	56	109203	43.990	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	116062	47.190	ug/l	98
36) 1,1-Dichloropropene	7.911	75	101530	47.696	ug/l	99
37) Ethyl Acetate	7.069	43	52304	47.367	ug/l	96
38) Carbon Tetrachloride	7.898	117	105651	47.445	ug/l	99
39) Methylcyclohexane	9.185	83	124858	45.441	ug/l	87
40) Benzene	8.161	78	293224	47.769	ug/l	98

06/03/2022
 Supervised By :Semsettin
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41) Methacrylonitrile	7.307	41	23442m	41.140	ug/l	93
42) 1,2-Dichloroethane	8.240	62	87199	48.377	ug/l	94
43) Isopropyl Acetate	8.270	43	103067	50.198	ug/l	97
44) Trichloroethene	8.941	130	73917	45.478	ug/l	94
45) 1,2-Dichloropropane	9.215	63	71822	48.729	ug/l	92
46) Dibromomethane	9.301	93	44166	47.125	ug/l	97
47) Bromodichloromethane	9.496	83	103733	48.431	ug/l	84
48) Methyl methacrylate	9.288	41	45070	49.160	ug/l #	90
49) 1,4-Dioxane	9.301	88	11458	914.572	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	286117	251.795	ug/l	97
52) Toluene	10.246	92	201059	46.870	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	110015	48.368	ug/l	92
54) cis-1,3-Dichloropropene	9.929	75	119499	48.871	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	60615	46.229	ug/l	89
56) Ethyl methacrylate	10.508	69	80069	47.764	ug/l	98
57) 1,3-Dichloropropane	10.788	76	102027	47.701	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	167122	230.437	ug/l	93
59) 2-Hexanone	10.831	43	203612	261.713	ug/l	97
60) Dibromochloromethane	10.983	129	73080	45.979	ug/l	97
61) 1,2-Dibromoethane	11.087	107	58763	45.227	ug/l	98
64) Tetrachloroethene	10.721	164	65159	46.220	ug/l	99
65) Chlorobenzene	11.514	112	206429	46.435	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	77189	47.419	ug/l	100
67) Ethyl Benzene	11.593	91	393046	49.061	ug/l	90
68) m/p-Xylenes	11.703	106	336254	103.391	ug/l	93
69) o-Xylene	12.032	106	152353	50.446	ug/l	94
70) Styrene	12.044	104	272219	52.413	ug/l	96
71) Bromoform	12.209	173	52273	48.443	ug/l #	99
73) Isopropylbenzene	12.331	105	417362	43.928	ug/l	90
74) N-amyl acetate	12.142	43	112097	51.137	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	84460	43.154	ug/l	97
76) 1,2,3-Trichloropropane	12.635	75	75887m	55.616	ug/l	97
77) Bromobenzene	12.611	156	92243	41.883	ug/l	100
78) n-propylbenzene	12.672	91	533454	48.597	ug/l	97
79) 2-Chlorotoluene	12.757	91	286162	45.195	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	367534	46.152	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.379	75	30751	46.256	ug/l	97
82) 4-Chlorotoluene	12.855	91	316276	46.702	ug/l	95
83) tert-Butylbenzene	13.074	119	313669	44.397	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	375375	47.483	ug/l	99
85) sec-Butylbenzene	13.257	105	510676	47.243	ug/l	98
86) p-Isopropyltoluene	13.373	119	439008	48.701	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	220292	46.889	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	216556	45.880	ug/l	99
89) n-Butylbenzene	13.696	91	396564	48.088	ug/l	85
90) Hexachloroethane	13.964	117	76253	45.140	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	188551	45.465	ug/l	83
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12341	40.615	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	90177	39.620	ug/l	100
94) Hexachlorobutadiene	15.117	225	48832	39.365	ug/l	100
95) Naphthalene	15.239	128	182533	39.922	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	76908	38.885	ug/l	100

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

06/03/2022
Supervised By :Semsettin
Yesilyurt

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