

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040822\
 Data File : VY008253.D
 Acq On : 08 Apr 2022 11:46
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/11/2022
 Supervised By :Semsettin Yesilyurt 04/11/2022

Quant Time: Apr 08 12:58:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 12:53:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	105840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	184924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	176832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	11588	11.304	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	22.600%#
35) Dibromofluoromethane	7.716	113	11834	10.496	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	21.000%#
50) Toluene-d8	10.179	98	42068	10.055	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	20.100%#
62) 4-Bromofluorobenzene	12.483	95	15459	10.433	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	20.860%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	10439	11.566	ug/l	93
3) Chloromethane	2.113	50	14608	13.094	ug/l	100
4) Vinyl Chloride	2.253	62	18590	12.506	ug/l	100
5) Bromomethane	2.650	94	16529	13.428	ug/l	100
6) Chloroethane	2.796	64	12850	12.976	ug/l	100
7) Trichlorofluoromethane	3.125	101	21109	11.242	ug/l	93
8) Diethyl Ether	3.528	74	7386	12.026	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.900	101	13685	11.676	ug/l	88
10) Methyl Iodide	4.095	142	12635	10.538	ug/l	88
11) Tert butyl alcohol	4.954	59	6726	63.842	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	12077	11.181	ug/l #	78
13) Acrolein	3.735	56	3891	42.733	ug/l	97
14) Allyl chloride	4.479	41	15701	11.051	ug/l #	91
15) Acrylonitrile	5.161	53	19031	64.692	ug/l	98
16) Acetone	3.942	43	14817	63.438	ug/l #	83
17) Carbon Disulfide	4.192	76	32644	10.868	ug/l	97
18) Methyl Acetate	4.479	43	8870	11.155	ug/l #	81
19) Methyl tert-butyl Ether	5.216	73	38037	12.222	ug/l	93
20) Methylene Chloride	4.716	84	21077	15.016	ug/l #	77
21) trans-1,2-Dichloroethene	5.216	96	14230	11.310	ug/l #	76
22) Diisopropyl ether	6.119	45	38655	12.467	ug/l #	95
23) Vinyl Acetate	6.058	43	125749	65.914	ug/l #	86
24) 1,1-Dichloroethane	6.015	63	24107	11.796	ug/l #	96
25) 2-Butanone	6.990	43	23490	66.036	ug/l #	82
26) 2,2-Dichloropropane	6.984	77	21168	10.960	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	17063	11.606	ug/l	83
28) Bromochloromethane	7.332	49	8755	12.153	ug/l #	73
29) Tetrahydrofuran	7.344	42	14843	64.043	ug/l #	74
30) Chloroform	7.509	83	26436	11.885	ug/l	96
31) Cyclohexane	7.783	56	21909	11.490	ug/l #	74
32) 1,1,1-Trichloroethane	7.704	97	22509	11.039	ug/l	95
36) 1,1-Dichloropropene	7.917	75	18986	10.768	ug/l	97
37) Ethyl Acetate	7.070	43	11202	13.539	ug/l #	94
38) Carbon Tetrachloride	7.899	117	19529	10.173	ug/l	94
39) Methylcyclohexane	9.179	83	23662	10.000	ug/l #	88
40) Benzene	8.161	78	56636	11.157	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.314	41	6329	14.915	ug/l	#	45
42) 1,2-Dichloroethane	8.240	62	17226	12.037	ug/l		89
43) Isopropyl Acetate	8.271	43	19240	11.894	ug/l	#	85
44) Trichloroethene	8.935	130	15847	10.789	ug/l		94
45) 1,2-Dichloropropane	9.216	63	14212	11.809	ug/l		99
46) Dibromomethane	9.301	93	9563	12.097	ug/l		92
47) Bromodichloromethane	9.496	83	19911	11.015	ug/l		99
48) Methyl methacrylate	9.295	41	8002	11.286	ug/l	#	76
49) 1,4-Dioxane	9.295	88	2473	237.255	ug/l	#	77
51) 4-Methyl-2-Pentanone	10.069	43	50134	61.487	ug/l	#	84
52) Toluene	10.246	92	36706	11.045	ug/l		96
53) t-1,3-Dichloropropene	10.465	75	20903	11.323	ug/l		96
54) cis-1,3-Dichloropropene	9.929	75	23434	11.196	ug/l	#	82
55) 1,1,2-Trichloroethane	10.642	97	13098	11.962	ug/l		94
56) Ethyl methacrylate	10.508	69	16078	11.422	ug/l	#	75
57) 1,3-Dichloropropane	10.789	76	21938	12.262	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.783	63	33203	56.238	ug/l		94
59) 2-Hexanone	10.831	43	34430	60.641	ug/l		83
60) Dibromochloromethane	10.984	129	14504	10.925	ug/l		99
61) 1,2-Dibromoethane	11.093	107	12345	11.374	ug/l		95
64) Tetrachloroethene	10.721	164	13492	10.206	ug/l		95
65) Chlorobenzene	11.514	112	40625	10.460	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.587	131	14532	10.106	ug/l		97
67) Ethyl Benzene	11.593	91	69403	10.231	ug/l		99
68) m/p-Xylenes	11.703	106	54100	20.088	ug/l		92
69) o-Xylene	12.032	106	26593	10.279	ug/l		90
70) Styrene	12.044	104	42875	10.126	ug/l		94
71) Bromoform	12.209	173	8706	10.089	ug/l	#	96
73) Isopropylbenzene	12.331	105	66941	9.944	ug/l		100
74) N-amyl acetate	12.142	43	15934	10.833	ug/l	#	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	15622	11.867	ug/l		98
76) 1,2,3-Trichloropropane	12.636	75	12545m	12.427	ug/l		
77) Bromobenzene	12.611	156	16052	10.351	ug/l		97
78) n-propylbenzene	12.672	91	81075	10.195	ug/l		100
79) 2-Chlorotoluene	12.758	91	46883	10.641	ug/l		98
80) 1,3,5-Trimethylbenzene	12.813	105	54073	9.801	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.380	75	4732	10.676	ug/l	#	83
82) 4-Chlorotoluene	12.855	91	46894	10.368	ug/l		96
83) tert-Butylbenzene	13.075	119	47830	9.744	ug/l		93
84) 1,2,4-Trimethylbenzene	13.123	105	53815	9.984	ug/l		96
85) sec-Butylbenzene	13.258	105	73324	10.084	ug/l		99
86) p-Isopropyltoluene	13.373	119	58893	9.733	ug/l		97
87) 1,3-Dichlorobenzene	13.367	146	31499	10.214	ug/l		98
88) 1,4-Dichlorobenzene	13.447	146	31549	10.269	ug/l		98
89) n-Butylbenzene	13.697	91	54923	9.869	ug/l		99
90) Hexachloroethane	13.965	117	10787	9.247	ug/l		81
91) 1,2-Dichlorobenzene	13.739	146	29039	10.705	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2058	9.912	ug/l		73
93) 1,2,4-Trichlorobenzene	15.007	180	15496	9.548	ug/l		97
94) Hexachlorobutadiene	15.117	225	7941	9.246	ug/l		97
95) Naphthalene	15.239	128	33956	9.554	ug/l		97
96) 1,2,3-Trichlorobenzene	15.428	180	13295	9.467	ug/l		97

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

04/11/2022
 Supervised By :Semsettin
 Yesilyurt

04/11/2022

