

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050724\
 Data File : VY018170.D
 Acq On : 07 May 2024 13:07
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: May 08 01:18:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 00:59:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/08/2024
 Supervised By :Semsettin Yesilyurt 05/08/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	249242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	408305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	341700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	193831	105.711	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 211.420%#			
35) Dibromofluoromethane	7.710	113	228601	106.533	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 213.060%#			
50) Toluene-d8	10.179	98	903943	106.901	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 213.800%#			
62) 4-Bromofluorobenzene	12.483	95	282553	103.470	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 206.940%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	192830	97.556	ug/l	99
3) Chloromethane	2.107	50	265075	100.183	ug/l	98
4) Vinyl Chloride	2.247	62	323438	100.840	ug/l	98
5) Bromomethane	2.637	94	219947	98.740	ug/l	97
6) Chloroethane	2.784	64	201471	98.974	ug/l	98
7) Trichlorofluoromethane	3.113	101	377853	100.574	ug/l	98
8) Diethyl Ether	3.521	74	117792	95.240	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	239044	99.836	ug/l	99
10) Methyl Iodide	4.082	142	286823	102.583	ug/l	98
11) Tert butyl alcohol	4.942	59	72491	459.746	ug/l #	80
12) 1,1-Dichloroethene	3.863	96	242900	100.772	ug/l	93
13) Acrolein	3.716	56	86906	489.366	ug/l	99
14) Allyl chloride	4.472	41	306919	100.091	ug/l	97
15) Acrylonitrile	5.149	53	228218	479.834	ug/l	99
16) Acetone	3.936	43	197179	538.870	ug/l	98
17) Carbon Disulfide	4.186	76	696028	106.070	ug/l	99
18) Methyl Acetate	4.466	43	87580	84.023	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	508290	94.666	ug/l	100
20) Methylene Chloride	4.704	84	250371	96.805	ug/l	99
21) trans-1,2-Dichloroethene	5.204	96	251440	98.408	ug/l	95
22) Diisopropyl ether	6.112	45	609583	93.712	ug/l	96
23) Vinyl Acetate	6.051	43	1919902	485.608	ug/l	99
24) 1,1-Dichloroethane	6.009	63	389168	97.136	ug/l	99
25) 2-Butanone	6.978	43	282258	482.567	ug/l	98
26) 2,2-Dichloropropane	6.972	77	358162	98.773	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	291200	96.439	ug/l	97
28) Bromochloromethane	7.326	49	160085	99.970	ug/l	96
29) Tetrahydrofuran	7.338	42	176143	456.220	ug/l	95
30) Chloroform	7.496	83	395083	94.460	ug/l	97
31) Cyclohexane	7.777	56	353630	101.354	ug/l	99
32) 1,1,1-Trichloroethane	7.691	97	366633	97.800	ug/l	99
36) 1,1-Dichloropropene	7.911	75	301259	97.932	ug/l	98
37) Ethyl Acetate	7.063	43	123764	95.590	ug/l #	95
38) Carbon Tetrachloride	7.893	117	335347	99.768	ug/l	99
39) Methylcyclohexane	9.179	83	438527	98.814	ug/l	99
40) Benzene	8.155	78	953061	96.318	ug/l	98

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 Supervised By :Semsettin Yesilyurt 05/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	67923	90.848	ug/l	94
42) 1,2-Dichloroethane	8.228	62	206320	95.832	ug/l	98
43) Isopropyl Acetate	8.264	43	250337	94.329	ug/l	96
44) Trichloroethene	8.935	130	262239	97.354	ug/l	97
45) 1,2-Dichloropropane	9.209	63	206241	95.337	ug/l	96
46) Dibromomethane	9.301	93	117563	94.533	ug/l	96
47) Bromodichloromethane	9.496	83	295817	96.217	ug/l	97
48) Methyl methacrylate	9.289	41	114008	93.733	ug/l	92
49) 1,4-Dioxane	9.295	88	29036	1758.936	ug/l #	96
51) 4-Methyl-2-Pentanone	10.069	43	629731	472.112	ug/l	96
52) Toluene	10.240	92	610524	95.841	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	281004	97.851	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	339527	96.721	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	158686	92.885	ug/l	97
56) Ethyl methacrylate	10.508	69	220850	95.184	ug/l #	89
57) 1,3-Dichloropropane	10.788	76	262810	94.520	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	575978	519.869	ug/l	96
59) 2-Hexanone	10.831	43	453164	485.892	ug/l	95
60) Dibromochloromethane	10.983	129	211841	95.574	ug/l	99
61) 1,2-Dibromoethane	11.087	107	151352	94.058	ug/l	99
64) Tetrachloroethene	10.721	164	223643	98.302	ug/l	96
65) Chlorobenzene	11.514	112	678601	97.509	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	220071	97.762	ug/l	99
67) Ethyl Benzene	11.593	91	1157245	98.486	ug/l	95
68) m/p-Xylenes	11.703	106	918073	197.574	ug/l	96
69) o-Xylene	12.026	106	429713	96.364	ug/l	97
70) Styrene	12.044	104	731829	98.272	ug/l	98
71) Bromoform	12.209	173	121028	97.170	ug/l #	98
73) Isopropylbenzene	12.331	105	1111393	96.474	ug/l	98
74) N-amyl acetate	12.142	43	235131	98.322	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	168902	91.909	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	117559m	95.586	ug/l	
77) Bromobenzene	12.611	156	254812	96.282	ug/l	94
78) n-propylbenzene	12.672	91	1301159	97.105	ug/l	97
79) 2-Chlorotoluene	12.758	91	711791	95.593	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	876896	96.532	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	61740	96.719	ug/l	98
82) 4-Chlorotoluene	12.855	91	725951	97.060	ug/l	97
83) tert-Butylbenzene	13.075	119	812038	96.915	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	865057	97.215	ug/l	98
85) sec-Butylbenzene	13.251	105	1192033	96.989	ug/l	97
86) p-Isopropyltoluene	13.367	119	993501	98.262	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	495467	96.941	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	480387	96.414	ug/l	99
89) n-Butylbenzene	13.696	91	909107	99.352	ug/l	98
90) Hexachloroethane	13.959	117	196066	98.845	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	422987	96.287	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23939	95.668	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	257966	104.454	ug/l	97
94) Hexachlorobutadiene	15.111	225	138628	101.736	ug/l	99
95) Naphthalene	15.239	128	459464	101.529	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	206757	102.014	ug/l	97

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

