

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020124\
 Data File : VY017169.D
 Acq On : 01 Feb 2024 15:09
 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: Feb 02 00:39:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:27:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/02/2024
 Supervised By :Mahesh Dadoda 02/02/2024

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	131584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	217122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	190065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	85171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	123786	105.306	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 210.620%#			
35) Dibromofluoromethane	7.722	113	127246	108.542	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 217.080%#			
50) Toluene-d8	10.185	98	479286	112.289	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 224.580%#			
62) 4-Bromofluorobenzene	12.489	95	156555	111.967	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 223.940%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	89409	89.632	ug/l	97
3) Chloromethane	2.119	50	165600	92.413	ug/l	97
4) Vinyl Chloride	2.253	62	205345	94.034	ug/l	100
5) Bromomethane	2.650	94	142469	94.119	ug/l	98
6) Chloroethane	2.796	64	137007	97.169	ug/l	98
7) Trichlorofluoromethane	3.131	101	218894	97.481	ug/l	99
8) Diethyl Ether	3.534	74	72949	103.280	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	133812	98.307	ug/l	99
10) Methyl Iodide	4.095	142	155483	108.651	ug/l	99
11) Tert butyl alcohol	4.972	59	49898	522.297	ug/l	98
12) 1,1-Dichloroethene	3.881	96	127799	100.198	ug/l	98
13) Acrolein	3.735	56	48310	508.087	ug/l	97
14) Allyl chloride	4.485	41	201950	104.734	ug/l	98
15) Acrylonitrile	5.168	53	166325	523.005	ug/l	100
16) Acetone	3.954	43	162166	469.376	ug/l	98
17) Carbon Disulfide	4.198	76	403900	99.202	ug/l	100
18) Methyl Acetate	4.485	43	88122	114.335	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	329023	107.111	ug/l	99
20) Methylene Chloride	4.722	84	141839	104.024	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	150528	103.742	ug/l	98
22) Diisopropyl ether	6.125	45	441701	104.312	ug/l	99
23) Vinyl Acetate	6.070	43	1369102	533.613	ug/l	99
24) 1,1-Dichloroethane	6.027	63	260850	100.560	ug/l	99
25) 2-Butanone	6.990	43	232254	505.680	ug/l	96
26) 2,2-Dichloropropane	6.990	77	221671	102.738	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	167548	103.244	ug/l	99
28) Bromochloromethane	7.344	49	102596	103.296	ug/l	98
29) Tetrahydrofuran	7.356	42	140037	539.743	ug/l	99
30) Chloroform	7.515	83	263020	100.795	ug/l	100
31) Cyclohexane	7.795	56	228248	96.334	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	229359	102.185	ug/l	99
36) 1,1-Dichloropropene	7.923	75	208758	103.234	ug/l	99
37) Ethyl Acetate	7.082	43	94808	101.085	ug/l	99
38) Carbon Tetrachloride	7.911	117	203828	105.275	ug/l	100
39) Methylcyclohexane	9.191	83	255371	108.097	ug/l	98
40) Benzene	8.167	78	605225	104.806	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	47553	107.011	ug/l	87
42) 1,2-Dichloroethane	8.246	62	158318	103.546	ug/l	99
43) Isopropyl Acetate	8.277	43	183434	110.483	ug/l	99
44) Trichloroethene	8.947	130	154696	105.531	ug/l	97
45) 1,2-Dichloropropane	9.222	63	148511	104.700	ug/l	99
46) Dibromomethane	9.313	93	80947	105.646	ug/l	99
47) Bromodichloromethane	9.502	83	200901	104.771	ug/l	99
48) Methyl methacrylate	9.301	41	87150	111.908	ug/l	99
49) 1,4-Dioxane	9.307	88	18616	2232.200	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	495950	557.251	ug/l	99
52) Toluene	10.252	92	375228	107.649	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	201292	111.758	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	236446	109.599	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	110651	106.143	ug/l	99
56) Ethyl methacrylate	10.514	69	150901	104.127	ug/l	100
57) 1,3-Dichloropropane	10.795	76	190828	106.428	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	377371	581.069	ug/l	100
59) 2-Hexanone	10.837	43	357109	554.897	ug/l	98
60) Dibromochloromethane	10.990	129	132073	107.994	ug/l	100
61) 1,2-Dibromoethane	11.093	107	104923	108.220	ug/l	99
64) Tetrachloroethene	10.727	164	127073	102.945	ug/l	97
65) Chlorobenzene	11.526	112	382038	104.197	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	143105	107.400	ug/l	99
67) Ethyl Benzene	11.599	91	728118	109.880	ug/l	100
68) m/p-Xylenes	11.709	106	552392	219.665	ug/l	100
69) o-Xylene	12.038	106	259219	111.936	ug/l	99
70) Styrene	12.050	104	433971	113.737	ug/l	99
71) Bromoform	12.215	173	77276	110.741	ug/l #	98
73) Isopropylbenzene	12.337	105	679551	108.607	ug/l	100
74) N-amyl acetate	12.148	43	160378	114.075	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	127947	103.967	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	91877m	109.531	ug/l	
77) Bromobenzene	12.617	156	146872	105.825	ug/l	98
78) n-propylbenzene	12.678	91	828174	107.769	ug/l	100
79) 2-Chlorotoluene	12.764	91	448504	106.159	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	547047	109.932	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	41290	109.138	ug/l	97
82) 4-Chlorotoluene	12.861	91	458903	105.539	ug/l	100
83) tert-Butylbenzene	13.081	119	470885	110.392	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	542051	110.356	ug/l	98
85) sec-Butylbenzene	13.258	105	720636	108.093	ug/l	99
86) p-Isopropyltoluene	13.373	119	588831	110.527	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	292407	105.611	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	281728	104.737	ug/l	100
89) n-Butylbenzene	13.703	91	556120	109.791	ug/l	100
90) Hexachloroethane	13.971	117	115189	105.321	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	248028	105.230	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	17266	107.711	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	133089	113.678	ug/l	100
94) Hexachlorobutadiene	15.117	225	72458	105.083	ug/l	99
95) Naphthalene	15.245	128	274211	105.291	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	115358	115.854	ug/l	98

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

