

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012524\
 Data File : VY017110.D
 Acq On : 25 Jan 2024 17:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 26 10:08:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
 Supervised By :Semsettin Yesilyurt 01/29/2024

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	116039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	195092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	167717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	60670	53.663	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.320%			
35) Dibromofluoromethane	7.722	113	60726	51.574	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.140%			
50) Toluene-d8	10.185	98	234268	52.676	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.360%			
62) 4-Bromofluorobenzene	12.489	95	73488	53.640	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	40741	48.273	ug/l	99
3) Chloromethane	2.119	50	78862	54.300	ug/l	99
4) Vinyl Chloride	2.253	62	95685	57.960	ug/l	99
5) Bromomethane	2.656	94	71286	57.650	ug/l	92
6) Chloroethane	2.802	64	63475	58.287	ug/l	99
7) Trichlorofluoromethane	3.131	101	100947	53.102	ug/l	98
8) Diethyl Ether	3.534	74	33885	50.682	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.900	101	61224	47.171	ug/l	100
10) Methyl Iodide	4.101	142	59456	48.218	ug/l	99
11) Tert butyl alcohol	4.966	59	22635	275.635	ug/l	99
12) 1,1-Dichloroethene	3.881	96	57327	48.251	ug/l	98
13) Acrolein	3.735	56	33917	250.143	ug/l	98
14) Allyl chloride	4.491	41	90720	50.518	ug/l	98
15) Acrylonitrile	5.168	53	78652	271.060	ug/l	98
16) Acetone	3.948	43	73044	238.408	ug/l	97
17) Carbon Disulfide	4.204	76	169473	47.326	ug/l	100
18) Methyl Acetate	4.485	43	66910	57.691	ug/l	99
19) Methyl tert-butyl Ether	5.229	73	151462	52.241	ug/l	100
20) Methylene Chloride	4.723	84	68838	55.413	ug/l	97
21) trans-1,2-Dichloroethene	5.229	96	68634	49.942	ug/l	99
22) Diisopropyl ether	6.125	45	211720	53.411	ug/l	98
23) Vinyl Acetate	6.070	43	505096	262.682	ug/l	98
24) 1,1-Dichloroethane	6.027	63	122034	50.473	ug/l	99
25) 2-Butanone	6.997	43	105118	251.249	ug/l	96
26) 2,2-Dichloropropane	6.990	77	100148	48.496	ug/l	99
27) cis-1,2-Dichloroethene	6.997	96	77756	51.058	ug/l	99
28) Bromochloromethane	7.344	49	51833	53.849	ug/l	99
29) Tetrahydrofuran	7.350	42	65004	283.547	ug/l	98
30) Chloroform	7.515	83	125293	50.891	ug/l	97
31) Cyclohexane	7.795	56	105787	52.925	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	106351	50.377	ug/l	99
36) 1,1-Dichloropropene	7.929	75	97229	50.188	ug/l	99
37) Ethyl Acetate	7.082	43	44034	52.861	ug/l	98
38) Carbon Tetrachloride	7.911	117	91982	48.450	ug/l	96
39) Methylcyclohexane	9.191	83	115748	49.675	ug/l	98
40) Benzene	8.167	78	284603	50.585	ug/l	98

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41) Methacrylonitrile	7.314	41	21607	48.499	ug/l	88
42) 1,2-Dichloroethane	8.246	62	75130	51.508	ug/l	100
43) Isopropyl Acetate	8.277	43	84856	54.566	ug/l	99
44) Trichloroethene	8.947	130	71964	49.871	ug/l	99
45) 1,2-Dichloropropane	9.222	63	71204	51.563	ug/l	98
46) Dibromomethane	9.313	93	37220	50.752	ug/l	98
47) Bromodichloromethane	9.502	83	94902	50.865	ug/l	97
48) Methyl methacrylate	9.301	41	47002	54.436	ug/l	96
49) 1,4-Dioxane	9.301	88	8551	1185.519	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	231632	280.006	ug/l	99
52) Toluene	10.252	92	175994	51.682	ug/l	99
53) t-1,3-Dichloropropene	10.472	75	89580	52.558	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	107838	51.443	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	52350	51.073	ug/l	99
56) Ethyl methacrylate	10.514	69	49190	54.879	ug/l	98
57) 1,3-Dichloropropane	10.795	76	90013	51.942	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	200502	322.251	ug/l	98
59) 2-Hexanone	10.837	43	161993	256.680	ug/l	100
60) Dibromochloromethane	10.990	129	60725	50.993	ug/l	99
61) 1,2-Dibromoethane	11.093	107	48614	52.209	ug/l	100
64) Tetrachloroethene	10.728	164	58271	49.846	ug/l	98
65) Chlorobenzene	11.520	112	179722	50.567	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	66096	50.913	ug/l	99
67) Ethyl Benzene	11.599	91	333134	51.560	ug/l	99
68) m/p-Xylenes	11.709	106	249686	102.855	ug/l	100
69) o-Xylene	12.032	106	116221	52.705	ug/l	99
70) Styrene	12.050	104	172954	54.027	ug/l	100
71) Bromoform	12.215	173	33787	51.902	ug/l #	98
73) Isopropylbenzene	12.337	105	314070	48.923	ug/l	100
74) N-amyl acetate	12.148	43	68951	53.286	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	60071	49.071	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	42045m	44.357	ug/l	
77) Bromobenzene	12.611	156	67656	48.705	ug/l	99
78) n-propylbenzene	12.678	91	381621	49.423	ug/l	100
79) 2-Chlorotoluene	12.764	91	206226	48.671	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	253213	49.837	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	18106	49.452	ug/l	98
82) 4-Chlorotoluene	12.861	91	214927	48.942	ug/l	99
83) tert-Butylbenzene	13.081	119	220273	50.122	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	248655	49.241	ug/l	99
85) sec-Butylbenzene	13.258	105	321404	49.391	ug/l	100
86) p-Isopropyltoluene	13.373	119	270428	49.890	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	131474	47.939	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	129094	47.841	ug/l	100
89) n-Butylbenzene	13.703	91	261907	50.094	ug/l	99
90) Hexachloroethane	13.965	117	53707	47.538	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	114334	48.817	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7723	49.396	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	58918	48.140	ug/l	99
94) Hexachlorobutadiene	15.117	225	32962	44.749	ug/l	99
95) Naphthalene	15.239	128	111426	51.546	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	49637	48.748	ug/l	98

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

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