

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018131.D
 Acq On : 03 May 2024 09:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 06 02:52:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 05/06/2024
 Supervised By :Semsettin Yesilyurt 05/06/2024

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	272076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	443486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	385757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103082	48.066	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.140%		
35) Dibromofluoromethane	7.709	113	122252	47.969	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.940%		
50) Toluene-d8	10.178	98	473464	47.587	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.180%		
62) 4-Bromofluorobenzene	12.483	95	155056	45.285	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	99901	45.999	ug/l	98
3) Chloromethane	2.107	50	143597	50.603	ug/l	99
4) Vinyl Chloride	2.247	62	167404	54.525	ug/l	100
5) Bromomethane	2.643	94	117640	62.077	ug/l	99
6) Chloroethane	2.789	64	107075	56.000	ug/l	95
7) Trichlorofluoromethane	3.119	101	201666	49.338	ug/l	96
8) Diethyl Ether	3.521	74	66581	50.732	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.893	101	125592	49.236	ug/l	98
10) Methyl Iodide	4.082	142	170357	50.388	ug/l	97
11) Tert butyl alcohol	4.948	59	45807	262.070	ug/l #	76
12) 1,1-Dichloroethene	3.862	96	130416	50.138	ug/l	95
13) Acrolein	3.716	56	54109	207.988	ug/l	100
14) Allyl chloride	4.466	41	168596	49.024	ug/l	98
15) Acrylonitrile	5.155	53	132251	268.272	ug/l	99
16) Acetone	3.936	43	114510	280.279	ug/l	95
17) Carbon Disulfide	4.186	76	386902	49.814	ug/l	99
18) Methyl Acetate	4.466	43	50541	48.303	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	295695	49.540	ug/l	98
20) Methylene Chloride	4.710	84	134795	47.084	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	140731	50.895	ug/l	96
22) Diisopropyl ether	6.112	45	346113	48.865	ug/l	94
23) Vinyl Acetate	6.051	43	1105857	246.162	ug/l	99
24) 1,1-Dichloroethane	6.008	63	212620	49.712	ug/l	99
25) 2-Butanone	6.978	43	171903	270.457	ug/l	95
26) 2,2-Dichloropropane	6.978	77	197821	49.456	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	161953	49.112	ug/l	97
28) Bromochloromethane	7.331	49	80196	46.398	ug/l	92
29) Tetrahydrofuran	7.337	42	106040	262.431	ug/l	96
30) Chloroform	7.502	83	222607	49.185	ug/l	98
31) Cyclohexane	7.782	56	195848	47.660	ug/l	99
32) 1,1,1-Trichloroethane	7.697	97	200328	48.495	ug/l	98
36) 1,1-Dichloropropene	7.910	75	164383	48.319	ug/l	97
37) Ethyl Acetate	7.063	43	72583	49.028	ug/l #	96
38) Carbon Tetrachloride	7.892	117	181289	46.950	ug/l	98
39) Methylcyclohexane	9.185	83	237319	47.494	ug/l	98
40) Benzene	8.154	78	538384	49.250	ug/l	97

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41) Methacrylonitrile	7.307	41	43916	50.301	ug/l	88
42) 1,2-Dichloroethane	8.234	62	120091	47.418	ug/l	97
43) Isopropyl Acetate	8.270	43	149008	47.908	ug/l	95
44) Trichloroethene	8.935	130	147660	47.631	ug/l	99
45) 1,2-Dichloropropane	9.215	63	116228	48.731	ug/l	99
46) Dibromomethane	9.300	93	68502	47.239	ug/l	91
47) Bromodichloromethane	9.496	83	171233	48.099	ug/l	98
48) Methyl methacrylate	9.288	41	67482	47.397	ug/l	94
49) 1,4-Dioxane	9.300	88	17567	1091.906	ug/l #	96
51) 4-Methyl-2-Pentanone	10.069	43	373269	245.719	ug/l	96
52) Toluene	10.245	92	345571	47.765	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	162764	47.318	ug/l	97
54) cis-1,3-Dichloropropene	9.928	75	195944	48.488	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	95413	48.920	ug/l	99
56) Ethyl methacrylate	10.508	69	131482	47.680	ug/l #	91
57) 1,3-Dichloropropane	10.788	76	153957	49.410	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	328635	255.297	ug/l	93
59) 2-Hexanone	10.831	43	273985	252.704	ug/l	96
60) Dibromochloromethane	10.983	129	125376	47.328	ug/l	100
61) 1,2-Dibromoethane	11.087	107	91181	48.787	ug/l	99
64) Tetrachloroethene	10.721	164	127622	45.704	ug/l	100
65) Chlorobenzene	11.513	112	388276	47.687	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	127322	46.486	ug/l	99
67) Ethyl Benzene	11.593	91	654326	47.921	ug/l	97
68) m/p-Xylenes	11.702	106	521146	95.254	ug/l	96
69) o-Xylene	12.026	106	249217	47.416	ug/l	95
70) Styrene	12.044	104	420922	47.583	ug/l	98
71) Bromoform	12.208	173	74390	46.348	ug/l #	96
73) Isopropylbenzene	12.330	105	631189	46.520	ug/l	98
74) N-amyl acetate	12.141	43	140854	47.299	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.580	83	102501	47.477	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	71684m	47.380	ug/l	
77) Bromobenzene	12.611	156	150514	46.686	ug/l	93
78) n-propylbenzene	12.672	91	741306	47.446	ug/l	96
79) 2-Chlorotoluene	12.757	91	411571	46.381	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	506062	46.278	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	38308	46.127	ug/l	98
82) 4-Chlorotoluene	12.855	91	421018	46.302	ug/l	96
83) tert-Butylbenzene	13.074	119	464614	46.408	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	500078	46.682	ug/l	98
85) sec-Butylbenzene	13.251	105	677911	47.186	ug/l	98
86) p-Isopropyltoluene	13.367	119	566054	47.279	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	292440	47.426	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	290508	47.800	ug/l	98
89) n-Butylbenzene	13.696	91	512819	48.400	ug/l	97
90) Hexachloroethane	13.964	117	111348	45.775	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	255321	47.518	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	14501	44.526	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	153484	51.110	ug/l	98
94) Hexachlorobutadiene	15.110	225	82832	49.831	ug/l	99
95) Naphthalene	15.232	128	284984	51.540	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	127687	50.956	ug/l	99

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

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