

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020645.D
 Acq On : 19 Dec 2024 09:43
 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: Dec 20 00:45:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/20/2024
 Supervised By :Semsettin Yesilyurt 12/20/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	206000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	308825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	266753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	146371	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	117960	52.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.560%
35) Dibromofluoromethane	7.634	113	122865	56.450	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.900%
50) Toluene-d8	10.103	98	426408	55.973	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.940%
62) 4-Bromofluorobenzene	12.408	95	159346	53.472	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	106.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	133894	52.037	ug/l	98
3) Chloromethane	2.068	50	89931	47.172	ug/l	99
4) Vinyl Chloride	2.202	62	86336	48.655	ug/l	100
5) Bromomethane	2.598	94	53050	46.509	ug/l	99
6) Chloroethane	2.733	64	51312	46.795	ug/l	99
7) Trichlorofluoromethane	3.062	101	187636	50.536	ug/l	99
8) Diethyl Ether	3.452	74	68568	52.658	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	148014	55.617	ug/l	99
10) Methyl Iodide	4.007	142	167021	56.369	ug/l	97
11) Tert butyl alcohol	4.860	59	54368	225.962	ug/l #	91
12) 1,1-Dichloroethene	3.793	96	139823	54.148	ug/l	96
13) Acrolein	3.653	56	17954	168.296	ug/l	96
14) Allyl chloride	4.385	41	232338	51.348	ug/l	98
15) Acrylonitrile	5.055	53	170856	274.269	ug/l	99
16) Acetone	3.873	43	111898	249.644	ug/l	96
17) Carbon Disulfide	4.104	76	457151	54.388	ug/l	100
18) Methyl Acetate	4.385	43	78056	50.850	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	375333	56.315	ug/l	97
20) Methylene Chloride	4.616	84	144922	51.663	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	162132	55.973	ug/l	99
22) Diisopropyl ether	6.019	45	496112	54.016	ug/l	96
23) Vinyl Acetate	5.958	43	1420555	273.086	ug/l	98
24) 1,1-Dichloroethane	5.915	63	298067	55.396	ug/l	99
25) 2-Butanone	6.890	43	211202	251.894	ug/l	99
26) 2,2-Dichloropropane	6.884	77	264836	52.067	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	184657	55.409	ug/l	97
28) Bromochloromethane	7.244	49	101052	55.679	ug/l	96
29) Tetrahydrofuran	7.262	42	143510	271.132	ug/l	97
30) Chloroform	7.421	83	292213	54.569	ug/l	100
31) Cyclohexane	7.701	56	268423	52.174	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	274460	55.522	ug/l	99
36) 1,1-Dichloropropene	7.835	75	225884	56.915	ug/l	99
37) Ethyl Acetate	6.982	43	100446	53.805	ug/l	99
38) Carbon Tetrachloride	7.817	117	252799	57.572	ug/l	98
39) Methylcyclohexane	9.109	83	287808	55.640	ug/l	99
40) Benzene	8.079	78	650927	55.955	ug/l	100

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41) Methacrylonitrile	7.220	41	51462	52.143	ug/l	94
42) 1,2-Dichloroethane	8.158	62	168914	54.747	ug/l	99
43) Isopropyl Acetate	8.195	43	195375	55.280	ug/l #	88
44) Trichloroethene	8.866	130	164213	57.447	ug/l	99
45) 1,2-Dichloropropane	9.140	63	151671	55.786	ug/l	96
46) Dibromomethane	9.231	93	80300	55.885	ug/l	97
47) Bromodichloromethane	9.420	83	217355	56.001	ug/l	98
48) Methyl methacrylate	9.219	41	93111	55.418	ug/l	97
49) 1,4-Dioxane	9.225	88	19191	1164.626	ug/l	96
51) 4-Methyl-2-Pentanone	9.993	43	502739	269.490	ug/l	98
52) Toluene	10.170	92	407430	56.356	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	207340	57.330	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	241551	56.364	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	108487	57.107	ug/l	97
56) Ethyl methacrylate	10.439	69	162282	58.883	ug/l	94
57) 1,3-Dichloropropane	10.713	76	192310	56.787	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	330296	284.827	ug/l	98
59) 2-Hexanone	10.762	43	332124	277.291	ug/l	96
60) Dibromochloromethane	10.908	129	145879	57.418	ug/l	99
61) 1,2-Dibromoethane	11.012	107	100336	56.781	ug/l	100
64) Tetrachloroethene	10.646	164	143419	57.159	ug/l	95
65) Chlorobenzene	11.438	112	427986	57.381	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	147222	57.723	ug/l	98
67) Ethyl Benzene	11.518	91	781876	56.821	ug/l	99
68) m/p-Xylenes	11.627	106	585329	114.405	ug/l	100
69) o-Xylene	11.950	106	274190	57.438	ug/l	99
70) Styrene	11.969	104	462869	58.035	ug/l	99
71) Bromoform	12.133	173	84075	58.631	ug/l #	100
73) Isopropylbenzene	12.255	105	736909	57.692	ug/l	100
74) N-amyl acetate	12.072	43	169942	56.850	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	122009	58.846	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	89036m	58.557	ug/l	
77) Bromobenzene	12.530	156	160597	57.720	ug/l	98
78) n-propylbenzene	12.597	91	875016	56.859	ug/l	99
79) 2-Chlorotoluene	12.682	91	495724	57.255	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	587819	56.716	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	45189	62.383	ug/l	97
82) 4-Chlorotoluene	12.780	91	507510	56.500	ug/l	99
83) tert-Butylbenzene	12.999	119	535639	57.066	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	580706	57.121	ug/l	98
85) sec-Butylbenzene	13.176	105	765369	56.081	ug/l	100
86) p-Isopropyltoluene	13.292	119	641459	57.008	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	311630	56.738	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	303316	55.759	ug/l	99
89) n-Butylbenzene	13.621	91	600466	56.308	ug/l	99
90) Hexachloroethane	13.883	117	126128	56.563	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	268348	56.390	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	18918	56.200	ug/l	96
93) 1,2,4-Trichlorobenzene	14.926	180	161670	56.165	ug/l	99
94) Hexachlorobutadiene	15.029	225	104328	55.442	ug/l	99
95) Naphthalene	15.145	128	288782	58.518	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	136737	56.223	ug/l	100

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

