

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020191.D
 Acq On : 06 Nov 2024 19:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 07 00:31:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/07/2024
 Supervised By :Mahesh Dadoda 11/07/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	189839	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	349985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	312510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	156694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	147431	62.225	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	124.460%	
35) Dibromofluoromethane	7.634	113	131275	58.995	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	118.000%	
50) Toluene-d8	10.103	98	531409	59.997	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	120.000%	
62) 4-Bromofluorobenzene	12.402	95	178282	61.969	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	123.940%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	79868	45.449	ug/l	99
3) Chloromethane	2.068	50	181739	62.436	ug/l	99
4) Vinyl Chloride	2.202	62	190948	61.106	ug/l	98
5) Bromomethane	2.592	94	131731	63.495	ug/l	97
6) Chloroethane	2.733	64	130744	64.831	ug/l	100
7) Trichlorofluoromethane	3.056	101	218828	57.324	ug/l	98
8) Diethyl Ether	3.452	74	63751	59.877	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.818	101	114690	53.565	ug/l	91
10) Methyl Iodide	4.007	142	121285	58.672	ug/l #	89
11) Tert butyl alcohol	4.878	59	40838	239.623	ug/l #	74
12) 1,1-Dichloroethene	3.787	96	112761	55.043	ug/l #	79
13) Acrolein	3.653	56	33893	159.757	ug/l	99
14) Allyl chloride	4.385	41	214361	57.997	ug/l #	89
15) Acrylonitrile	5.061	53	154178	318.121	ug/l	99
16) Acetone	3.879	43	127344	231.116	ug/l #	79
17) Carbon Disulfide	4.104	76	379032	55.597	ug/l	99
18) Methyl Acetate	4.385	43	84720	65.533	ug/l	90
19) Methyl tert-butyl Ether	5.116	73	318302	61.760	ug/l	94
20) Methylene Chloride	4.622	84	134072	54.166	ug/l #	85
21) trans-1,2-Dichloroethene	5.116	96	135851	58.800	ug/l	86
22) Diisopropyl ether	6.019	45	485713	63.326	ug/l #	88
23) Vinyl Acetate	5.964	43	1301463	301.512	ug/l #	91
24) 1,1-Dichloroethane	5.915	63	272365	61.326	ug/l	96
25) 2-Butanone	6.896	43	215325	288.293	ug/l #	87
26) 2,2-Dichloropropane	6.884	77	187041	50.617	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	161886	60.954	ug/l	84
28) Bromochloromethane	7.244	49	104684	50.338	ug/l #	70
29) Tetrahydrofuran	7.268	42	142132	329.744	ug/l #	80
30) Chloroform	7.421	83	272109	61.743	ug/l	99
31) Cyclohexane	7.701	56	226665	52.717	ug/l	91
32) 1,1,1-Trichloroethane	7.622	97	232384	60.395	ug/l #	93
36) 1,1-Dichloropropene	7.835	75	195165	56.777	ug/l	94
37) Ethyl Acetate	6.988	43	97435	59.454	ug/l	96
38) Carbon Tetrachloride	7.817	117	197391	57.105	ug/l	99
39) Methylcyclohexane	9.109	83	227327	52.107	ug/l #	88
40) Benzene	8.079	78	598101	59.612	ug/l	99

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41) Methacrylonitrile	7.220	41	48265	58.791	ug/l	91
42) 1,2-Dichloroethane	8.158	62	168978	60.845	ug/l	93
43) Isopropyl Acetate	8.201	43	197087	62.538	ug/l #	78
44) Trichloroethene	8.866	130	134712	57.931	ug/l	94
45) 1,2-Dichloropropane	9.140	63	145704	60.698	ug/l	97
46) Dibromomethane	9.231	93	79234	60.917	ug/l	90
47) Bromodichloromethane	9.420	83	208848	61.292	ug/l	97
48) Methyl methacrylate	9.219	41	91329	62.565	ug/l #	82
49) 1,4-Dioxane	9.237	88	16734	1249.629	ug/l #	79
51) 4-Methyl-2-Pentanone	9.999	43	530519	326.707	ug/l	88
52) Toluene	10.170	92	376955	60.949	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	179783	59.750	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	211272	58.827	ug/l #	85
55) 1,1,2-Trichloroethane	10.573	97	102552	63.413	ug/l	96
56) Ethyl methacrylate	10.438	69	150565	64.904	ug/l #	75
57) 1,3-Dichloropropane	10.713	76	185016	62.472	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	360170	314.818	ug/l	91
59) 2-Hexanone	10.762	43	359105	308.464	ug/l	86
60) Dibromochloromethane	10.908	129	132936	64.486	ug/l	99
61) 1,2-Dibromoethane	11.012	107	90767	60.411	ug/l	98
64) Tetrachloroethene	10.646	164	127768	61.921	ug/l	94
65) Chlorobenzene	11.438	112	391023	58.722	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	131618	61.866	ug/l	99
67) Ethyl Benzene	11.518	91	730523	58.688	ug/l	98
68) m/p-Xylenes	11.627	106	535869	117.667	ug/l	92
69) o-Xylene	11.950	106	256283	59.439	ug/l	92
70) Styrene	11.969	104	442901	62.127	ug/l	96
71) Bromoform	12.127	173	72170	66.125	ug/l #	95
73) Isopropylbenzene	12.249	105	678442	54.199	ug/l	98
74) N-amyl acetate	12.066	43	180845	57.796	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	125859	57.491	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	85199m	58.004	ug/l	
77) Bromobenzene	12.530	156	142620	56.337	ug/l	85
78) n-propylbenzene	12.591	91	841682	54.027	ug/l	97
79) 2-Chlorotoluene	12.676	91	474863	54.913	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	547191	54.450	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	35928	52.613	ug/l #	82
82) 4-Chlorotoluene	12.773	91	483010	54.781	ug/l	96
83) tert-Butylbenzene	12.999	119	489760	55.734	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	551030	55.359	ug/l	97
85) sec-Butylbenzene	13.176	105	715444	53.034	ug/l	98
86) p-Isopropyltoluene	13.292	119	577032	53.303	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	282665	54.963	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	280368	54.744	ug/l	96
89) n-Butylbenzene	13.615	91	550192	50.700	ug/l	97
90) Hexachloroethane	13.877	117	115863	54.118	ug/l	84
91) 1,2-Dichlorobenzene	13.657	146	251142	56.181	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	18318	55.175	ug/l	75
93) 1,2,4-Trichlorobenzene	14.919	180	119418	49.729	ug/l	97
94) Hexachlorobutadiene	15.023	225	60132	45.793	ug/l	98
95) Naphthalene	15.145	128	244894	54.556	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	101413	49.750	ug/l	99

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

