

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019880.D
 Acq On : 11 Oct 2024 18:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

10/14/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Oct 14 01:51:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	281436	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	524979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	462752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	218799	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	206726	59.656	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.320%	
35) Dibromofluoromethane	7.640	113	196002	56.578	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.160%	
50) Toluene-d8	10.109	98	710310	55.523	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.040%	
62) 4-Bromofluorobenzene	12.402	95	252966	54.725	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 109.440%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	120605	46.033	ug/l	100
3) Chloromethane	2.068	50	195491	57.330	ug/l	99
4) Vinyl Chloride	2.208	62	199353	53.127	ug/l	99
5) Bromomethane	2.598	94	135869	57.206	ug/l	100
6) Chloroethane	2.739	64	141953	56.312	ug/l	98
7) Trichlorofluoromethane	3.062	101	280631	50.261	ug/l	96
8) Diethyl Ether	3.458	74	95895	56.510	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.818	101	159747	49.187	ug/l	91
10) Methyl Iodide	4.007	142	175855	53.538	ug/l	90
11) Tert butyl alcohol	4.878	59	66824	205.839	ug/l #	82
12) 1,1-Dichloroethene	3.793	96	155689	51.565	ug/l	83
13) Acrolein	3.659	56	66681	261.874	ug/l	99
14) Allyl chloride	4.385	41	299716	55.018	ug/l #	91
15) Acrylonitrile	5.061	53	228943	294.966	ug/l	99
16) Acetone	3.873	43	206352	228.752	ug/l #	84
17) Carbon Disulfide	4.110	76	440822	54.471	ug/l	99
18) Methyl Acetate	4.391	43	120947	62.240	ug/l #	87
19) Methyl tert-butyl Ether	5.122	73	484166	55.818	ug/l	98
20) Methylene Chloride	4.616	84	192479	57.874	ug/l #	80
21) trans-1,2-Dichloroethene	5.122	96	177606	54.048	ug/l #	84
22) Diisopropyl ether	6.019	45	691994	58.317	ug/l #	89
23) Vinyl Acetate	5.964	43	1637462m	240.714	ug/l	
24) 1,1-Dichloroethane	5.921	63	376624	57.099	ug/l	95
25) 2-Butanone	6.896	43	317371	262.843	ug/l #	84
26) 2,2-Dichloropropane	6.890	77	270200	45.997	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	228267	56.211	ug/l	85
28) Bromochloromethane	7.244	49	169838	58.500	ug/l #	73
29) Tetrahydrofuran	7.262	42	201539	292.327	ug/l #	83
30) Chloroform	7.421	83	384743	57.221	ug/l	99
31) Cyclohexane	7.701	56	280168	48.387	ug/l	87
32) 1,1,1-Trichloroethane	7.622	97	312514	53.035	ug/l	95
36) 1,1-Dichloropropene	7.835	75	245579	49.205	ug/l	94
37) Ethyl Acetate	6.982	43	139813	53.723	ug/l	95
38) Carbon Tetrachloride	7.823	117	258822	48.374	ug/l	97
39) Methylcyclohexane	9.109	83	287394	45.701	ug/l #	86
40) Benzene	8.079	78	801105	53.037	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	81717	58.016	ug/l #	80
42) 1,2-Dichloroethane	8.158	62	236237	54.440	ug/l	94
43) Isopropyl Acetate	8.201	43	284235	53.554	ug/l #	79
44) Trichloroethene	8.866	130	182317	49.836	ug/l	85
45) 1,2-Dichloropropane	9.140	63	201413	53.275	ug/l	97
46) Dibromomethane	9.231	93	107044	51.823	ug/l	91
47) Bromodichloromethane	9.420	83	294646	53.742	ug/l	100
48) Methyl methacrylate	9.219	41	129432	55.440	ug/l #	81
49) 1,4-Dioxane	9.225	88	24035	1039.653	ug/l #	83
51) 4-Methyl-2-Pentanone	9.999	43	754510	278.711	ug/l	89
52) Toluene	10.170	92	500162	53.049	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	259711	52.647	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	301587	51.812	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	145004	53.283	ug/l	93
56) Ethyl methacrylate	10.438	69	213178	54.592	ug/l #	73
57) 1,3-Dichloropropane	10.713	76	258053	53.996	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	528327	290.632	ug/l	93
59) 2-Hexanone	10.762	43	505292	261.332	ug/l	86
60) Dibromochloromethane	10.908	129	186884	53.503	ug/l	100
61) 1,2-Dibromoethane	11.012	107	128565	52.280	ug/l	99
64) Tetrachloroethene	10.646	164	163298	49.612	ug/l	94
65) Chlorobenzene	11.438	112	536883	50.725	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	185698	51.856	ug/l	97
67) Ethyl Benzene	11.518	91	968643	50.380	ug/l	99
68) m/p-Xylenes	11.627	106	706785	99.535	ug/l	91
69) o-Xylene	11.950	106	344997	50.567	ug/l	91
70) Styrene	11.969	104	595540	51.738	ug/l	95
71) Bromoform	12.127	173	96449	50.312	ug/l #	97
73) Isopropylbenzene	12.255	105	900737	48.943	ug/l	98
74) N-amyl acetate	12.066	43	255949	52.509	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	177367	54.238	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	138078m	32.214	ug/l	
77) Bromobenzene	12.530	156	195672	50.103	ug/l	83
78) n-propylbenzene	12.591	91	1083758	48.735	ug/l	98
79) 2-Chlorotoluene	12.676	91	637234	49.984	ug/l	94
80) 1,3,5-Trimethylbenzene	12.731	105	727274	48.933	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	50976	48.004	ug/l #	82
82) 4-Chlorotoluene	12.773	91	647669	49.685	ug/l	94
83) tert-Butylbenzene	12.993	119	635025	47.693	ug/l	93
84) 1,2,4-Trimethylbenzene	13.042	105	722286	49.016	ug/l	97
85) sec-Butylbenzene	13.176	105	937433	47.123	ug/l	97
86) p-Isopropyltoluene	13.292	119	754229	46.690	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	381548	48.378	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	374288	48.308	ug/l	97
89) n-Butylbenzene	13.615	91	731333	46.365	ug/l	98
90) Hexachloroethane	13.877	117	148714	47.278	ug/l	87
91) 1,2-Dichlorobenzene	13.657	146	342843	49.474	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	24976	47.856	ug/l	77
93) 1,2,4-Trichlorobenzene	14.919	180	168860	43.456	ug/l	97
94) Hexachlorobutadiene	15.023	225	90395	41.843	ug/l	98
95) Naphthalene	15.145	128	353162	48.188	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	149458	45.501	ug/l	97

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

