

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101624\
 Data File : VY019920.D
 Acq On : 16 Oct 2024 17:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

10/17/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Oct 17 01:58:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	251066	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	456756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	402221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	196000	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	173327	56.068	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.140%	
35) Dibromofluoromethane	7.640	113	163945	54.393	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.780%	
50) Toluene-d8	10.103	98	587833	52.812	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.620%	
62) 4-Bromofluorobenzene	12.402	95	213957	53.199	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 106.400%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	111803	47.836	ug/l	100
3) Chloromethane	2.068	50	160523	52.770	ug/l	100
4) Vinyl Chloride	2.208	62	177608	53.058	ug/l	99
5) Bromomethane	2.598	94	115479	54.502	ug/l	95
6) Chloroethane	2.739	64	125243	55.693	ug/l	100
7) Trichlorofluoromethane	3.062	101	267430	53.690	ug/l	97
8) Diethyl Ether	3.458	74	85924	56.759	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.818	101	154323	53.265	ug/l	91
10) Methyl Iodide	4.013	142	160021	54.610	ug/l	90
11) Tert butyl alcohol	4.872	59	62077	247.699	ug/l #	81
12) 1,1-Dichloroethene	3.793	96	140705	52.240	ug/l #	76
13) Acrolein	3.659	56	46848	206.240	ug/l	99
14) Allyl chloride	4.385	41	274501	56.484	ug/l #	89
15) Acrylonitrile	5.061	53	212665	307.137	ug/l	99
16) Acetone	3.879	43	199107	247.420	ug/l #	82
17) Carbon Disulfide	4.110	76	326730	45.257	ug/l	98
18) Methyl Acetate	4.391	43	108617	62.657	ug/l #	87
19) Methyl tert-butyl Ether	5.122	73	454358	58.718	ug/l	99
20) Methylene Chloride	4.616	84	171417	57.775	ug/l #	82
21) trans-1,2-Dichloroethene	5.116	96	157875	53.855	ug/l	85
22) Diisopropyl ether	6.025	45	663456	62.676	ug/l	92
23) Vinyl Acetate	5.964	43	1823977	300.567	ug/l #	90
24) 1,1-Dichloroethane	5.921	63	350531	59.571	ug/l	95
25) 2-Butanone	6.896	43	302449	280.784	ug/l #	82
26) 2,2-Dichloropropane	6.884	77	269877	51.500	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	210590	58.131	ug/l	85
28) Bromochloromethane	7.250	49	150503	58.111	ug/l #	72
29) Tetrahydrofuran	7.262	42	187114	304.234	ug/l #	81
30) Chloroform	7.421	83	365373	60.913	ug/l	98
31) Cyclohexane	7.701	56	259477	50.234	ug/l	86
32) 1,1,1-Trichloroethane	7.622	97	301553	57.365	ug/l	95
36) 1,1-Dichloropropene	7.835	75	234796	54.071	ug/l	93
37) Ethyl Acetate	6.988	43	131678	58.155	ug/l	95
38) Carbon Tetrachloride	7.823	117	250097	53.725	ug/l	99
39) Methylcyclohexane	9.110	83	273988	50.077	ug/l #	87
40) Benzene	8.079	78	736809	56.067	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.226	41	74935	61.148	ug/l	#	83
42) 1,2-Dichloroethane	8.158	62	217691	57.659	ug/l		94
43) Isopropyl Acetate	8.201	43	267981	58.033	ug/l	#	77
44) Trichloroethene	8.866	130	165838	52.102	ug/l		86
45) 1,2-Dichloropropane	9.140	63	189942	57.746	ug/l		99
46) Dibromomethane	9.231	93	101689	56.584	ug/l		89
47) Bromodichloromethane	9.427	83	280326	58.767	ug/l		99
48) Methyl methacrylate	9.219	41	122567	60.341	ug/l	#	80
49) 1,4-Dioxane	9.225	88	21947	1091.131	ug/l	#	83
51) 4-Methyl-2-Pentanone	10.000	43	711930	302.262	ug/l		89
52) Toluene	10.170	92	464592	56.636	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	243530	56.741	ug/l		96
54) cis-1,3-Dichloropropene	9.853	75	284375	56.152	ug/l	#	83
55) 1,1,2-Trichloroethane	10.573	97	136972	57.849	ug/l		95
56) Ethyl methacrylate	10.439	69	204091	60.072	ug/l	#	75
57) 1,3-Dichloropropane	10.719	76	241762	58.143	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	460347	291.060	ug/l		93
59) 2-Hexanone	10.762	43	483392	287.347	ug/l		87
60) Dibromochloromethane	10.908	129	173495	57.089	ug/l		99
61) 1,2-Dibromoethane	11.012	107	120601	56.366	ug/l		99
64) Tetrachloroethene	10.646	164	151073	52.805	ug/l		94
65) Chlorobenzene	11.438	112	509622	55.395	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.518	131	175223	56.295	ug/l		98
67) Ethyl Benzene	11.518	91	925834	55.400	ug/l		99
68) m/p-Xylenes	11.627	106	681184	110.367	ug/l		92
69) o-Xylene	11.950	106	331774	55.948	ug/l		92
70) Styrene	11.969	104	566932	56.665	ug/l		96
71) Bromoform	12.133	173	92167	55.313	ug/l	#	98
73) Isopropylbenzene	12.255	105	896409	54.373	ug/l		98
74) N-amyl acetate	12.066	43	251348	57.563	ug/l	#	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	169883	57.992	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	113006m	29.432	ug/l		
77) Bromobenzene	12.530	156	187584	53.619	ug/l		84
78) n-propylbenzene	12.591	91	1094784	54.957	ug/l		97
79) 2-Chlorotoluene	12.676	91	623801	54.622	ug/l		94
80) 1,3,5-Trimethylbenzene	12.737	105	726623	54.576	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.304	75	50212	52.785	ug/l	#	84
82) 4-Chlorotoluene	12.773	91	643218	55.083	ug/l		95
83) tert-Butylbenzene	12.999	119	662457	55.541	ug/l		94
84) 1,2,4-Trimethylbenzene	13.042	105	720528	54.585	ug/l		96
85) sec-Butylbenzene	13.176	105	978938	54.933	ug/l		97
86) p-Isopropyltoluene	13.292	119	785829	54.305	ug/l		96
87) 1,3-Dichlorobenzene	13.286	146	378816	53.619	ug/l		96
88) 1,4-Dichlorobenzene	13.365	146	377215	54.348	ug/l		96
89) n-Butylbenzene	13.615	91	776526	54.957	ug/l		98
90) Hexachloroethane	13.877	117	156020	55.371	ug/l		85
91) 1,2-Dichlorobenzene	13.657	146	339712	54.724	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	25184	53.868	ug/l		74
93) 1,2,4-Trichlorobenzene	14.919	180	186423	53.557	ug/l		97
94) Hexachlorobutadiene	15.023	225	97696	50.483	ug/l		98
95) Naphthalene	15.145	128	374102	56.983	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	158066	53.719	ug/l		98

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

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