

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019790.D
 Acq On : 03 Oct 2024 16:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/04/2024
 Supervised By :Semsettin Yesilyurt 10/04/2024

Quant Time: Oct 04 01:30:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	267347	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	475465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	410439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	194768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	146232	59.070	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	118.140%	
35) Dibromofluoromethane	7.634	113	148766	55.184	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	110.360%	
50) Toluene-d8	10.103	98	531126	53.266	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	106.540%	
62) 4-Bromofluorobenzene	12.402	95	202910	52.924	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	105.840%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	61455	41.348	ug/l	100
3) Chloromethane	2.074	50	112804	50.998	ug/l	99
4) Vinyl Chloride	2.208	62	134745	56.336	ug/l	100
5) Bromomethane	2.598	94	99704	67.865	ug/l	97
6) Chloroethane	2.739	64	101657	65.016	ug/l	97
7) Trichlorofluoromethane	3.062	101	221912	55.659	ug/l	96
8) Diethyl Ether	3.458	74	76447	57.121	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.818	101	135366	54.884	ug/l	95
10) Methyl Iodide	4.007	142	158770	50.209	ug/l	91
11) Tert butyl alcohol	4.866	59	59824	299.236	ug/l	# 80
12) 1,1-Dichloroethene	3.793	96	129363	54.539	ug/l	88
13) Acrolein	3.659	56	7827	71.068	ug/l	89
14) Allyl chloride	4.385	41	236459	55.590	ug/l	# 93
15) Acrylonitrile	5.061	53	173201	300.142	ug/l	100
16) Acetone	3.873	43	166306	281.985	ug/l	# 85
17) Carbon Disulfide	4.110	76	311623	48.625	ug/l	99
18) Methyl Acetate	4.385	43	99726	62.309	ug/l	91
19) Methyl tert-butyl Ether	5.116	73	399338	59.444	ug/l	98
20) Methylene Chloride	4.616	84	156124	58.047	ug/l	90
21) trans-1,2-Dichloroethene	5.116	96	148470	57.107	ug/l	91
22) Diisopropyl ether	6.019	45	530738	60.761	ug/l	93
23) Vinyl Acetate	5.964	43	1451971	291.018	ug/l	# 93
24) 1,1-Dichloroethane	5.915	63	300780	61.364	ug/l	95
25) 2-Butanone	6.896	43	228728	272.684	ug/l	# 87
26) 2,2-Dichloropropane	6.884	77	252803	57.178	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	192036	60.807	ug/l	89
28) Bromochloromethane	7.244	49	136639	66.255	ug/l	# 81
29) Tetrahydrofuran	7.262	42	142276	278.970	ug/l	87
30) Chloroform	7.421	83	318423	63.638	ug/l	100
31) Cyclohexane	7.701	56	216742	48.921	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	270458	60.304	ug/l	96
36) 1,1-Dichloropropene	7.835	75	203157	55.383	ug/l	96
37) Ethyl Acetate	6.982	43	102634	54.607	ug/l	98
38) Carbon Tetrachloride	7.817	117	229339	55.442	ug/l	99
39) Methylcyclohexane	9.109	83	235836	48.311	ug/l	91
40) Benzene	8.079	78	642883	56.901	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	62625	57.160	ug/l #	85
42) 1,2-Dichloroethane	8.158	62	184726	60.761	ug/l	95
43) Isopropyl Acetate	8.195	43	216441	54.814	ug/l	91
44) Trichloroethene	8.866	130	159833	55.007	ug/l	94
45) 1,2-Dichloropropane	9.140	63	160352	58.054	ug/l	96
46) Dibromomethane	9.231	93	89784	59.441	ug/l	92
47) Bromodichloromethane	9.420	83	240837	59.315	ug/l	99
48) Methyl methacrylate	9.219	41	98358	52.748	ug/l	84
49) 1,4-Dioxane	9.231	88	20163	1133.920	ug/l #	89
51) 4-Methyl-2-Pentanone	10.000	43	544628	274.158	ug/l	91
52) Toluene	10.170	92	416270	57.287	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	224372	57.969	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	250308	55.539	ug/l #	87
55) 1,1,2-Trichloroethane	10.573	97	120804	57.914	ug/l	93
56) Ethyl methacrylate	10.438	69	180791	57.056	ug/l #	81
57) 1,3-Dichloropropane	10.719	76	210302	58.653	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	416186	282.993	ug/l	96
59) 2-Hexanone	10.762	43	375399	257.758	ug/l	89
60) Dibromochloromethane	10.908	129	160739	58.253	ug/l	99
61) 1,2-Dibromoethane	11.012	107	108257	55.701	ug/l	99
64) Tetrachloroethene	10.646	164	138280	54.406	ug/l	93
65) Chlorobenzene	11.438	112	457647	56.684	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	160600	57.453	ug/l	99
67) Ethyl Benzene	11.518	91	816102	56.889	ug/l	99
68) m/p-Xylenes	11.627	106	606085	111.735	ug/l	93
69) o-Xylene	11.950	106	294513	55.518	ug/l	92
70) Styrene	11.969	104	500800	55.915	ug/l	96
71) Bromoform	12.127	173	85302	53.427	ug/l #	98
73) Isopropylbenzene	12.249	105	783189	55.428	ug/l	99
74) N-amyl acetate	12.066	43	200221	52.103	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	139583	55.656	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	95742m	52.446	ug/l	
77) Bromobenzene	12.530	156	172216	54.955	ug/l	90
78) n-propylbenzene	12.591	91	926887	55.344	ug/l	99
79) 2-Chlorotoluene	12.676	91	545935	55.935	ug/l	95
80) 1,3,5-Trimethylbenzene	12.731	105	630450	54.884	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	45634	47.988	ug/l	91
82) 4-Chlorotoluene	12.773	91	553416	55.153	ug/l	95
83) tert-Butylbenzene	12.993	119	563648	54.202	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	630355	55.438	ug/l	98
85) sec-Butylbenzene	13.176	105	832662	55.118	ug/l	99
86) p-Isopropyltoluene	13.286	119	678179	54.869	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	333849	54.825	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	326730	54.065	ug/l	97
89) n-Butylbenzene	13.615	91	638868	54.068	ug/l	99
90) Hexachloroethane	13.877	117	139439	54.219	ug/l	90
91) 1,2-Dichlorobenzene	13.657	146	298959	55.017	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	20946	50.112	ug/l	84
93) 1,2,4-Trichlorobenzene	14.919	180	162799	49.259	ug/l	97
94) Hexachlorobutadiene	15.023	225	90760	51.406	ug/l	98
95) Naphthalene	15.139	128	318907	48.185	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	139870	49.478	ug/l	98

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

