

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102324\
 Data File : VY019999.D
 Acq On : 23 Oct 2024 17:05
 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 10/24/2024
 Supervised By :Semsettin Yesilyurt 10/24/2024

Quant Time: Oct 24 01:29:12 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	7.707	168	208720	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	384056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	332226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	168203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	148756	57.883	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.760%			
35) Dibromofluoromethane	7.634	113	138606	54.691	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.380%			
50) Toluene-d8	10.103	98	489159	52.266	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.540%			
62) 4-Bromofluorobenzene	12.402	95	183868	54.372	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 108.740%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.861	85	85103	43.799	ug/l	98
3) Chloromethane	2.068	50	146982	58.121	ug/l	97
4) Vinyl Chloride	2.202	62	163265	58.668	ug/l	100
5) Bromomethane	2.598	94	108919	61.835	ug/l	98
6) Chloroethane	2.733	64	117262	62.723	ug/l	99
7) Trichlorofluoromethane	3.062	101	230579	55.684	ug/l	99
8) Diethyl Ether	3.458	74	75112	59.684	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.818	101	133668	55.496	ug/l	91
10) Methyl Iodide	4.001	142	128381	52.701	ug/l #	88
11) Tert butyl alcohol	4.878	59	55124	265.868	ug/l #	78
12) 1,1-Dichloroethene	3.787	96	120151	53.659	ug/l #	80
13) Acrolein	3.659	56	24060	127.409	ug/l	100
14) Allyl chloride	4.385	41	240199	59.454	ug/l #	90
15) Acrylonitrile	5.061	53	189393	329.021	ug/l	97
16) Acetone	3.873	43	169181	252.886	ug/l #	82
17) Carbon Disulfide	4.104	76	271170	45.182	ug/l	99
18) Methyl Acetate	4.391	43	102073	70.828	ug/l #	87
19) Methyl tert-butyl Ether	5.116	73	402442	62.560	ug/l	95
20) Methylene Chloride	4.616	84	147651	59.891	ug/l #	77
21) trans-1,2-Dichloroethene	5.110	96	136948	56.195	ug/l #	83
22) Diisopropyl ether	6.019	45	579444	65.845	ug/l #	93
23) Vinyl Acetate	5.958	43	1575851	312.364	ug/l #	90
24) 1,1-Dichloroethane	5.915	63	313743	64.137	ug/l	96
25) 2-Butanone	6.896	43	265484	296.471	ug/l #	85
26) 2,2-Dichloropropane	6.884	77	233408	53.577	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	182777	60.690	ug/l	82
28) Bromochloromethane	7.244	49	134215	62.336	ug/l #	72
29) Tetrahydrofuran	7.262	42	165799	324.270	ug/l #	82
30) Chloroform	7.421	83	322162	64.606	ug/l	99
31) Cyclohexane	7.701	56	222073	51.716	ug/l	87
32) 1,1,1-Trichloroethane	7.616	97	262819	60.140	ug/l	95
36) 1,1-Dichloropropene	7.835	75	200295	54.858	ug/l	94
37) Ethyl Acetate	6.982	43	116737	61.316	ug/l	96
38) Carbon Tetrachloride	7.817	117	216102	55.210	ug/l	98
39) Methylcyclohexane	9.109	83	234939	51.068	ug/l #	88
40) Benzene	8.079	78	638888	57.818	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102324\
 Data File : VY019999.D
 Acq On : 23 Oct 2024 17:05
 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 10/24/2024
 Supervised By :Semsettin Yesilyurt 10/24/2024

Quant Time: Oct 24 01:29:12 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)
41) Methacrylonitrile	7.220	41	63204	61.338	ug/l	89
42) 1,2-Dichloroethane	8.158	62	196185	61.799	ug/l	94
43) Isopropyl Acetate	8.195	43	234713	60.450	ug/l #	78
44) Trichloroethene	8.866	130	149352	55.805	ug/l	93
45) 1,2-Dichloropropane	9.140	63	168654	60.980	ug/l	100
46) Dibromomethane	9.231	93	90097	59.624	ug/l	89
47) Bromodichloromethane	9.420	83	248302	61.907	ug/l #	97
48) Methyl methacrylate	9.219	41	110882	64.922	ug/l #	80
49) 1,4-Dioxane	9.231	88	21774	1287.448	ug/l #	86
51) 4-Methyl-2-Pentanone	9.993	43	637089	321.689	ug/l	89
52) Toluene	10.170	92	404441	58.636	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	211692	58.659	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	248882	58.447	ug/l #	85
55) 1,1,2-Trichloroethane	10.566	97	119597	60.073	ug/l	97
56) Ethyl methacrylate	10.438	69	174969	61.249	ug/l #	71
57) 1,3-Dichloropropane	10.713	76	213080	60.946	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	407630	306.516	ug/l	92
59) 2-Hexanone	10.755	43	429444	303.601	ug/l	86
60) Dibromochloromethane	10.908	129	152740	59.773	ug/l	100
61) 1,2-Dibromoethane	11.012	107	106793	59.361	ug/l	99
64) Tetrachloroethene	10.646	164	126780	53.650	ug/l	92
65) Chlorobenzene	11.438	112	438876	57.756	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	150122	58.392	ug/l	100
67) Ethyl Benzene	11.518	91	805343	58.343	ug/l	99
68) m/p-Xylenes	11.627	106	586430	115.033	ug/l	90
69) o-Xylene	11.950	106	286726	58.538	ug/l	90
70) Styrene	11.969	104	498941	60.376	ug/l	95
71) Bromoform	12.127	173	79930	58.076	ug/l #	99
73) Isopropylbenzene	12.249	105	777183	54.932	ug/l	97
74) N-amyl acetate	12.066	43	221076	58.997	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	151387	60.219	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	115092m	34.928	ug/l	
77) Bromobenzene	12.530	156	161119	53.665	ug/l	82
78) n-propylbenzene	12.591	91	957166	55.990	ug/l	96
79) 2-Chlorotoluene	12.676	91	545051	55.613	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	626875	54.865	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.298	75	44841	54.929	ug/l #	84
82) 4-Chlorotoluene	12.773	91	548255	54.710	ug/l	95
83) tert-Butylbenzene	12.993	119	567092	55.403	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	638746	56.386	ug/l	96
85) sec-Butylbenzene	13.170	105	848260	55.467	ug/l	97
86) p-Isopropyltoluene	13.286	119	682390	54.950	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	325895	53.752	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	318735	53.512	ug/l	96
89) n-Butylbenzene	13.615	91	665573	54.889	ug/l	99
90) Hexachloroethane	13.877	117	133960	55.398	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	291908	54.794	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	22660	56.479	ug/l	73
93) 1,2,4-Trichlorobenzene	14.919	180	152153	50.935	ug/l	97
94) Hexachlorobutadiene	15.023	225	80523	48.485	ug/l	99
95) Naphthalene	15.145	128	316075	56.101	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	129595	51.321	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102324\
Data File : VY019999.D
Acq On : 23 Oct 2024 17:05
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 10/24/2024
Supervised By :Semsettin Yesilyurt 10/24/2024

Quant Time: Oct 24 01:29:12 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)
----------	------	------	----------	------	-------	----------

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

