

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061024\
 Data File : VW036019.D
 Acq On : 10 Jun 2024 09:21
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD025395

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/11/2024
 Supervised By :Semsettin Yesilyurt 06/11/2024

Quant Time: Jun 11 04:58:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 08 00:30:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	504308	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	492479	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	250881	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	177109	19.102	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.400%
7) Chloroethane-d5	1.526	69	157068	21.246	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.050	65	81479	19.740	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.960%
21) 2-Butanone-d5	3.841	46	92014	43.255	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.500%
24) Chloroform-d	4.239	84	370357	23.100	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	4.931	65	193470	23.015	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.080%
32) Benzene-d6	4.950	84	706126	24.121	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.480%
36) 1,2-Dichloropropane-d6	5.982	67	226660	24.587	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.360%
41) Toluene-d8	7.236	98	620294	24.015	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.040%
43) trans-1,3-Dichloroprop...	7.548	79	91807	24.288	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.160%
47) 2-Hexanone-d5	8.027	63	62997	50.438	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.880%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	161331	23.419	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.680%
66) 1,2-Dichlorobenzene-d4	11.554	152	215006	23.370	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	163444	17.975	ug/L	100
3) Chloromethane	1.211	50	222303	21.302	ug/L	100
5) Vinyl chloride	1.278	62	235104	21.400	ug/L	100
6) Bromomethane	1.484	94	150232	22.043	ug/L	100
8) Chloroethane	1.542	64	155053	22.706	ug/L	99
9) Trichlorofluoromethane	1.706	101	285780	20.947	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	183549	21.198	ug/L	99
12) 1,1-Dichloroethene	2.060	96	175604	21.745	ug/L	96
13) Acetone	2.162	43	144471	43.599	ug/L #	69
14) Carbon disulfide	2.233	76	593532	21.164	ug/L	100
15) Methyl Acetate	2.384	43	91689	22.261	ug/L	99
16) Methylene chloride	2.439	84	238248	20.878	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	196675	22.926	ug/L	99
18) Methyl tert-butyl Ether	2.696	73	493993	25.650	ug/L	99
19) 1,1-Dichloroethane	3.101	63	392114	24.002	ug/L	100
20) cis-1,2-Dichloroethene	3.805	96	212346	24.634	ug/L	97
22) 2-Butanone	3.915	43	131257m	46.682	ug/L	
23) Bromochloromethane	4.140	128	104947	24.272	ug/L	96
25) Chloroform	4.265	83	397729	23.667	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061024\
 Data File : VV036019.D
 Acq On : 10 Jun 2024 09:21
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD025395

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/11/2024
 Supervised By :Semsettin Yesilyurt 06/11/2024

Quant Time: Jun 11 04:58:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 08 00:30:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	254981	24.303	ug/L	100
29) Cyclohexane	4.574	56	268429	22.892	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	317711	23.598	ug/L	100
31) Carbon tetrachloride	4.725	117	270217	22.878	ug/L	100
33) Benzene	4.998	78	828487	25.722	ug/L	100
34) Trichloroethene	5.825	95	239263	24.237	ug/L	99
35) Methylcyclohexane	6.043	83	300458	22.009	ug/L	99
37) 1,2-Dichloropropane	6.085	63	226268	26.753	ug/L	100
38) Bromodichloromethane	6.426	83	286622	25.604	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	336597	26.609	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	244958	53.309	ug/L	99
42) Toluene	7.307	91	847657	25.755	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	294436	26.947	ug/L	97
45) 1,1,2-Trichloroethane	7.763	97	174249	24.900	ug/L	99
46) Tetrachloroethene	7.899	164	158326	21.929	ug/L	99
48) 2-Hexanone	8.075	43	192938	53.709	ug/L	99
49) Dibromochloromethane	8.172	129	191871	25.052	ug/L	100
50) 1,2-Dibromoethane	8.278	107	168039	25.026	ug/L	100
51) Chlorobenzene	8.808	112	543255	24.225	ug/L	99
52) Ethylbenzene	8.940	91	889206	25.252	ug/L	99
53) m,p-Xylene	9.066	106	333692	25.220	ug/L	99
54) o-Xylene	9.474	106	318407	25.519	ug/L	99
55) Styrene	9.490	104	575816	26.169	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	151689	24.208	ug/L	99
59) Bromoform	9.660	173	122616	25.916	ug/L	99
60) Isopropylbenzene	9.863	105	829599	25.775	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	154017	25.957	ug/L	96
62) 1,3,5-Trimethylbenzene	10.471	105	597356	25.594	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	655033	26.048	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	409200	24.209	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	421290	24.147	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	385082	24.210	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	31126	23.459	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	277190	21.923	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	210396	21.134	ug/L	100
71) Naphthalene	13.435	128	366060	22.531	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	197362	21.725	ug/L	99

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

Manual Integrations

Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024

[illegible]