

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061924\
 Data File : VW036149.D
 Acq On : 19 Jun 2024 19:47
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD025292

Quant Time: Jun 20 19:44:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/22/2024
 Supervised By :Mahesh Dadoda 06/22/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	357372	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	371344	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	200117	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	136263	20.739	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.960%
7) Chloroethane-d5	1.526	69	116698	22.275	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.120%
11) 1,1-Dichloroethene-d2	2.047	65	63607	21.746	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.000%
21) 2-Butanone-d5	3.828	46	84886m	56.310	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.620%
24) Chloroform-d	4.243	84	267439	23.539	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.160%
26) 1,2-Dichloroethane-d4	4.937	65	149096	25.029	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.120%
32) Benzene-d6	4.953	84	501404	22.715	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.880%
36) 1,2-Dichloropropane-d6	5.986	67	161545	23.240	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.960%
41) Toluene-d8	7.240	98	463219	23.784	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.120%
43) trans-1,3-Dichloroprop...	7.551	79	66982	23.501	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.000%
47) 2-Hexanone-d5	8.031	63	53302	56.596	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.200%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	135879	26.159	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.640%
66) 1,2-Dichlorobenzene-d4	11.558	152	162568	22.153	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.102	85	132734	20.599	ug/L	100
3) Chloromethane	1.208	50	179481	24.271	ug/L	99
5) Vinyl chloride	1.275	62	188674	24.235	ug/L	99
6) Bromomethane	1.481	94	123065	25.481	ug/L	98
8) Chloroethane	1.542	64	126877	26.219	ug/L	100
9) Trichlorofluoromethane	1.703	101	238783	24.698	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	140087	22.831	ug/L	99
12) 1,1-Dichloroethene	2.060	96	142343	24.873	ug/L	95
13) Acetone	2.147	43	79418m	33.821	ug/L	
14) Carbon disulfide	2.230	76	483653	24.337	ug/L	100
15) Methyl Acetate	2.381	43	84431	28.927	ug/L	100
16) Methylene chloride	2.439	84	202019	24.982	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	153019	25.171	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	407041	29.825	ug/L	99
19) 1,1-Dichloroethane	3.105	63	306747	26.496	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	160639	26.298	ug/L	98
22) 2-Butanone	3.908	43	93238	46.795	ug/L #	81
23) Bromochloromethane	4.140	128	87985	28.715	ug/L	98
25) Chloroform	4.269	83	325078	27.297	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061924\
 Data File : VW036149.D
 Acq On : 19 Jun 2024 19:47
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD025292

Quant Time: Jun 20 19:44:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/22/2024
 Supervised By :Mahesh Dadoda 06/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	229549	30.875	ug/L	100
29) Cyclohexane	4.574	56	183049	20.703	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	251981	24.821	ug/L	99
31) Carbon tetrachloride	4.728	117	215057	24.147	ug/L	100
33) Benzene	5.002	78	653767	26.918	ug/L	100
34) Trichloroethene	5.828	95	191985	25.792	ug/L	99
35) Methylcyclohexane	6.047	83	206812	20.091	ug/L	99
37) 1,2-Dichloropropane	6.088	63	177487	27.831	ug/L	100
38) Bromodichloromethane	6.429	83	235960	27.955	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	253187	26.544	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	223095	64.389	ug/L	98
42) Toluene	7.310	91	683853	27.556	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	233586	28.352	ug/L	97
45) 1,1,2-Trichloroethane	7.767	97	151822	28.772	ug/L	99
46) Tetrachloroethene	7.902	164	123888	22.757	ug/L	99
48) 2-Hexanone	8.079	43	162796	60.101	ug/L	99
49) Dibromochloromethane	8.175	129	166539	28.838	ug/L	98
50) 1,2-Dibromoethane	8.278	107	153109	30.240	ug/L	99
51) Chlorobenzene	8.812	112	436580	25.819	ug/L	100
52) Ethylbenzene	8.944	91	686662	25.861	ug/L	99
53) m,p-Xylene	9.072	106	262426	26.304	ug/L	100
54) o-Xylene	9.477	106	249442	26.513	ug/L	98
55) Styrene	9.493	104	476982	28.749	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	140414	29.718	ug/L	99
59) Bromoform	9.664	173	112435	29.793	ug/L	99
60) Isopropylbenzene	9.866	105	632377	24.631	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	146579	30.970	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	448551	24.094	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	509846	25.418	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	329303	24.424	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	341045	24.506	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	321646	25.351	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	33420	31.577	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	214298	21.248	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	174736	22.004	ug/L	100
71) Naphthalene	13.435	128	379997	29.322	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	179349	24.750	ug/L	99

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

