

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061724\
 Data File : VW036094.D
 Acq On : 17 Jun 2024 09:56
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD025287

Quant Time: Jun 18 02:05:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 15 01:30:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/20/2024
 Supervised By :Semsettin Yesilyurt 06/20/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	465049	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	449113	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	227523	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	227152	26.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.280%
7) Chloroethane-d5	1.526	69	181377	26.605	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.400%
11) 1,1-Dichloroethene-d2	2.050	65	97635	25.651	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.600%
21) 2-Butanone-d5	3.809	46	79715	40.636	ug/L	-0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.280%
24) Chloroform-d	4.236	84	377642	25.542	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.160%
26) 1,2-Dichloroethane-d4	4.934	65	185094	23.877	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.520%
32) Benzene-d6	4.950	84	725604	27.180	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.720%
36) 1,2-Dichloropropane-d6	5.982	67	219512	26.111	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.440%
41) Toluene-d8	7.236	98	661590	28.087	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.360%
43) trans-1,3-Dichloroprop...	7.548	79	87355	25.342	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.360%
47) 2-Hexanone-d5	8.027	63	50379	44.230	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.460%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	140325	22.337	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.360%
66) 1,2-Dichlorobenzene-d4	11.554	152	207615	24.883	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.520%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.101	85	196439	23.427	ug/L	99
3) Chloromethane	1.211	50	227166	23.606	ug/L	98
5) Vinyl chloride	1.275	62	252607	24.934	ug/L	100
6) Bromomethane	1.481	94	155764	24.784	ug/L	98
8) Chloroethane	1.542	64	161668	25.673	ug/L	99
9) Trichlorofluoromethane	1.706	101	332020	26.390	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	206140	25.817	ug/L	99
12) 1,1-Dichloroethene	2.060	96	190069	25.523	ug/L	95
13) Acetone	2.137	43	138314m	45.264	ug/L	
14) Carbon disulfide	2.230	76	649472	25.114	ug/L	100
15) Methyl Acetate	2.378	43	76276	20.082	ug/L	98
16) Methylene chloride	2.439	84	214862	20.418	ug/L	99
17) trans-1,2-Dichloroethene	2.683	96	195707	24.739	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	390538	21.990	ug/L	98
19) 1,1-Dichloroethane	3.101	63	368753	24.477	ug/L	100
20) cis-1,2-Dichloroethene	3.805	96	191667	24.112	ug/L	99
22) 2-Butanone	3.889	43	103194	39.800	ug/L #	78
23) Bromochloromethane	4.137	128	94400	23.676	ug/L	97
25) Chloroform	4.265	83	375779	24.248	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061724\
 Data File : VW036094.D
 Acq On : 17 Jun 2024 09:56
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD025287

Quant Time: Jun 18 02:05:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 15 01:30:52 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/20/2024
 Supervised By :Semsettin Yesilyurt 06/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	227369	23.501	ug/L	99
29) Cyclohexane	4.574	56	283071	26.472	ug/L	100
30) 1,1,1-Trichloroethane	4.500	97	326045	26.555	ug/L	99
31) Carbon tetrachloride	4.725	117	289278	26.856	ug/L	100
33) Benzene	5.002	78	789851	26.890	ug/L	100
34) Trichloroethene	5.825	95	231298	25.693	ug/L	99
35) Methylcyclohexane	6.043	83	328061	26.351	ug/L	99
37) 1,2-Dichloropropane	6.085	63	200556	26.003	ug/L	100
38) Bromodichloromethane	6.426	83	260337	25.502	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	288734	25.029	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	181919	43.413	ug/L	97
42) Toluene	7.310	91	825784	27.513	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	248194	24.909	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	150073	23.516	ug/L	99
46) Tetrachloroethene	7.899	164	168800	25.637	ug/L	99
48) 2-Hexanone	8.075	43	151664	46.296	ug/L	97
49) Dibromochloromethane	8.172	129	171660	24.577	ug/L	98
50) 1,2-Dibromoethane	8.278	107	141319	23.078	ug/L	98
51) Chlorobenzene	8.808	112	505243	24.706	ug/L	98
52) Ethylbenzene	8.940	91	855651	26.646	ug/L	99
53) m,p-Xylene	9.069	106	330864	27.421	ug/L	99
54) o-Xylene	9.474	106	298977	26.275	ug/L	99
55) Styrene	9.490	104	547795	27.300	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	122617	21.458	ug/L	99
59) Bromoform	9.660	173	106113	24.730	ug/L	100
60) Isopropylbenzene	9.863	105	826458	28.313	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	122465	22.758	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	581820	27.488	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	631171	27.676	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	387564	25.283	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	396493	25.059	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	352459	24.433	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	26616	22.119	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	263322	22.964	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	198925	22.033	ug/L	100
71) Naphthalene	13.435	128	290197	19.696	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	177769	21.577	ug/L	99

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

