

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090424\
 Data File : VV037203.D
 Acq On : 04 Sep 2024 17:35
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD025383

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2024
 Supervised By :Mahesh Dadoda 09/05/2024

Quant Time: Sep 05 02:27:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 05 02:17:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	543208	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	528357	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	271253	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	180340	18.534	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.120%		
7) Chloroethane-d5	1.532	69	149650	19.813	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.240%		
11) 1,1-Dichloroethene-d2	2.056	65	86231	19.702	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	78.800%		
21) 2-Butanone-d5	3.834	46	98086m	46.612	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.220%		
24) Chloroform-d	4.243	84	368212	22.029	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	88.120%		
26) 1,2-Dichloroethane-d4	4.937	65	194960	22.995	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.000%		
32) Benzene-d6	4.953	84	719221	21.542	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	86.160%		
36) 1,2-Dichloropropane-d6	5.985	67	224801	21.735	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.920%		
41) Toluene-d8	7.236	98	656689	21.750	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	87.000%		
43) trans-1,3-Dichloroprop...	7.551	79	90114	22.634	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	90.520%		
47) 2-Hexanone-d5	8.030	63	66735	47.331	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	94.660%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	187068	23.530	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.120%		
66) 1,2-Dichlorobenzene-d4	11.554	152	232489	21.957	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.840%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	177709	23.765	ug/L	98
3) Chloromethane	1.217	50	207109	23.176	ug/L	99
5) Vinyl chloride	1.281	62	201164	22.887	ug/L	99
6) Bromomethane	1.487	94	115892	22.793	ug/L	100
8) Chloroethane	1.548	64	127552	23.592	ug/L	99
9) Trichlorofluoromethane	1.712	101	275125	22.933	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	172172	22.972	ug/L	97
12) 1,1-Dichloroethene	2.069	96	158204	23.172	ug/L	93
13) Acetone	2.162	43	115768m	43.963	ug/L	
14) Carbon disulfide	2.240	76	509134	22.719	ug/L	100
15) Methyl Acetate	2.384	43	90869	24.416	ug/L	100
16) Methylene chloride	2.445	84	207204	20.813	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	173527	23.297	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	444554	25.497	ug/L	100
19) 1,1-Dichloroethane	3.105	63	347215	24.347	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	189288	24.074	ug/L	98
22) 2-Butanone	3.912	43	125977m	51.112	ug/L	
23) Bromochloromethane	4.143	128	86954	24.814	ug/L	98
25) Chloroform	4.272	83	338535	24.453	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090424\
 Data File : VV037203.D
 Acq On : 04 Sep 2024 17:35
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD025383

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2024
 Supervised By :Mahesh Dadoda 09/05/2024

Quant Time: Sep 05 02:27:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 05 02:17:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	220467	25.143	ug/L	100
29) Cyclohexane	4.574	56	272064	22.822	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	271343	23.124	ug/L	99
31) Carbon tetrachloride	4.728	117	234261	23.614	ug/L	100
33) Benzene	5.005	78	722185	24.361	ug/L	100
34) Trichloroethene	5.828	95	190920	23.663	ug/L	97
35) Methylcyclohexane	6.043	83	303152	23.059	ug/L	99
37) 1,2-Dichloropropane	6.088	63	187047	24.111	ug/L	99
38) Bromodichloromethane	6.429	83	236445	24.545	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	276926	23.539	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	227969	53.014	ug/L	100
42) Toluene	7.310	91	758263	24.306	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	234476	24.624	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	144613	24.964	ug/L	98
46) Tetrachloroethene	7.899	164	137220	23.137	ug/L	97
48) 2-Hexanone	8.079	43	165733	46.248	ug/L	98
49) Dibromochloromethane	8.172	129	151136	25.073	ug/L	96
50) 1,2-Dibromoethane	8.278	107	139501	25.204	ug/L	96
51) Chlorobenzene	8.809	112	488816	23.944	ug/L	99
52) Ethylbenzene	8.940	91	851344	24.370	ug/L	100
53) m,p-Xylene	9.069	106	316377	24.410	ug/L	98
54) o-Xylene	9.474	106	304886	24.419	ug/L	99
55) Styrene	9.490	104	536374	25.333	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	174148	25.227	ug/L	98
59) Bromoform	9.661	173	83094	24.127	ug/L	98
60) Isopropylbenzene	9.860	105	838608	23.807	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	122649	24.538	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	681847	24.373	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	672324	24.232	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	383733	23.892	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	386840	23.624	ug/L	97
67) 1,2-Dichlorobenzene	11.570	146	356958	23.962	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	26479	23.471	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	267984	23.517	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	236274	23.486	ug/L	99
71) Naphthalene	13.432	128	455146	23.191	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	224487	24.299	ug/L	97

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

