

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060624\
 Data File : VW035999.D
 Acq On : 06 Jun 2024 20:04
 Operator : SY/MD
 Sample : P2754-07MSD
 Misc : 5.47g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BP6MSD

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
 Supervised By :Semsettin Yesilyurt 06/10/2024

Quant Time: Jun 08 02:21:13 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	5.532	114	343262	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	325870	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	165710	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	179994	28.521	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.080%
7) Chloroethane-d5	1.529	69	140523	27.925	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.720%
11) 1,1-Dichloroethene-d2	2.053	65	77888	27.724	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	110.880%#
21) 2-Butanone-d5	3.822	46	93370	64.484	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.960%
24) Chloroform-d	4.246	84	288329	26.421	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.680%
26) 1,2-Dichloroethane-d4	4.941	65	147246	25.734	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.920%
32) Benzene-d6	4.957	84	579070	29.895	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.560%
36) 1,2-Dichloropropane-d6	5.986	67	170691	27.982	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.920%
41) Toluene-d8	7.240	98	516332	30.210	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	120.840%
43) trans-1,3-Dichloroprop...	7.555	79	70507	28.190	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.760%
47) 2-Hexanone-d5	8.031	63	62124	75.169	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.340%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	130667	28.666	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.680%
66) 1,2-Dichlorobenzene-d4	11.558	152	168284	27.693	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.760%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	171050	27.636	ug/L	100
3) Chloromethane	1.214	50	187672	26.421	ug/L	100
5) Vinyl chloride	1.278	62	213380	28.535	ug/L	100
6) Bromomethane	1.484	94	117785	25.390	ug/L	99
8) Chloroethane	1.545	64	125563	27.014	ug/L	98
9) Trichlorofluoromethane	1.709	101	278824	30.025	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	177834	30.174	ug/L	99
12) 1,1-Dichloroethene	2.063	96	153461	27.918	ug/L	92
13) Acetone	2.140	43	107447m	47.638	ug/L	
14) Carbon disulfide	2.233	76	506572	26.538	ug/L	100
15) Methyl Acetate	2.384	43	81800	29.178	ug/L	100
16) Methylene chloride	2.442	84	184137	23.707	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	158409	27.129	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	348160	26.560	ug/L	100
19) 1,1-Dichloroethane	3.108	63	295708	26.593	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	153518	26.165	ug/L	99
22) 2-Butanone	3.899	43	101463	53.016	ug/L #	70
23) Bromochloromethane	4.146	128	72990	24.801	ug/L	96
25) Chloroform	4.272	83	290827	25.425	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
 Data File : VV035999.D
 Acq On : 06 Jun 2024 20:04
 Operator : SY/MD
 Sample : P2754-07MSD
 Misc : 5.47g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BP6MSD

Quant Time: Jun 08 02:21:13 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

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
 Supervised By :Semsettin Yesilyurt 06/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	181817	25.460	ug/L	100
29) Cyclohexane	4.577	56	268722	34.634	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	267993	30.082	ug/L	99
31) Carbon tetrachloride	4.732	117	239712	30.671	ug/L	100
33) Benzene	5.005	78	619344	29.060	ug/L	100
34) Trichloroethene	5.831	95	196587	30.096	ug/L	99
35) Methylcyclohexane	6.047	83	310005	34.318	ug/L	99
37) 1,2-Dichloropropane	6.092	63	158030	28.238	ug/L	99
38) Bromodichloromethane	6.429	83	200736	27.100	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	224530	26.825	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	200621	65.983	ug/L	98
42) Toluene	7.314	91	659520	30.284	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	197139	27.267	ug/L	97
45) 1,1,2-Trichloroethane	7.767	97	125026	27.001	ug/L	99
46) Tetrachloroethene	7.902	164	139787	29.260	ug/L	99
48) 2-Hexanone	8.079	43	153083	64.401	ug/L	99
49) Dibromochloromethane	8.175	129	135269	26.692	ug/L	99
50) 1,2-Dibromoethane	8.281	107	123842	27.873	ug/L	99
51) Chlorobenzene	8.812	112	403738	27.209	ug/L	100
52) Ethylbenzene	8.944	91	691127	29.662	ug/L	100
53) m,p-Xylene	9.072	106	261119	29.825	ug/L	99
54) o-Xylene	9.477	106	237703	28.791	ug/L	98
55) Styrene	9.493	104	424831	29.179	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	110156	26.568	ug/L	97
59) Bromoform	9.664	173	90654	29.009	ug/L	99
60) Isopropylbenzene	9.863	105	696852	32.778	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	123112	31.413	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	475090	30.818	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	514177	30.956	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	317037	28.396	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	319457	27.721	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	295296	28.107	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	29477	33.635	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	224219	26.848	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	182060	27.687	ug/L	100
71) Naphthalene	13.439	128	352351	32.834	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	175960	29.324	ug/L	98

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

