

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062124\
 Data File : VW036203.D
 Acq On : 21 Jun 2024 13:46
 Operator : SY/MD
 Sample : P2909-24DL 2X
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4DJ5DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/26/2024
 Supervised By :Semsettin Yesilyurt 06/26/2024

Quant Time: Jun 22 00:12:28 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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	273251	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	284067	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	152942	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	113726	22.638	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.560%
7) Chloroethane-d5	1.526	69	101936	25.447	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.047	65	56604	25.310	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.240%
21) 2-Butanone-d5	3.822	46	88048m	76.389	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.780%#
24) Chloroform-d	4.243	84	253825	29.218	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.880%
26) 1,2-Dichloroethane-d4	4.937	65	137218	30.126	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.520%
32) Benzene-d6	4.953	84	457921	27.119	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.480%
36) 1,2-Dichloropropane-d6	5.986	67	151940	28.574	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.280%
41) Toluene-d8	7.240	98	428535	28.763	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.040%
43) trans-1,3-Dichloroprop...	7.551	79	65681	30.125	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	120.480%
47) 2-Hexanone-d5	8.027	63	57125	79.292	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	158.580%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	131186	33.015	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	132.040%#
66) 1,2-Dichlorobenzene-d4	11.558	152	160302	28.582	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.320%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.060	96	166144	37.970	ug/L	87
13) Acetone	2.150	43	27522m	15.329	ug/L	
16) Methylene chloride	2.439	84	177395	28.690	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	126900	27.301	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	184543	17.685	ug/L	99
19) 1,1-Dichloroethane	3.105	63	233699	26.401	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	273759	58.613	ug/L	98
22) 2-Butanone	3.889	43	202676	133.035	ug/L #	66
25) Chloroform	4.269	83	413603	45.423	ug/L	99
27) 1,2-Dichloroethane	5.040	62	99648	17.529	ug/L	100
31) Carbon tetrachloride	4.728	117	179946	26.412	ug/L	99
33) Benzene	5.005	78	454915	24.486	ug/L	100
34) Trichloroethene	5.828	95	133832	23.503	ug/L	98
37) 1,2-Dichloropropane	6.092	63	44050	9.030	ug/L	99
38) Bromodichloromethane	6.429	83	318849	49.380	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	390789	53.558	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	187533	70.755	ug/L	94
42) Toluene	7.313	91	416564	21.943	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	200585	31.827	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	70332	17.424	ug/L	99
46) Tetrachloroethene	7.902	164	131829	31.655	ug/L	97
48) 2-Hexanone	8.075	43	165427	79.836	ug/L	95
49) Dibromochloromethane	8.172	129	252702	57.202	ug/L	99
50) 1,2-Dibromoethane	8.278	107	189299	48.875	ug/L	99
51) Chlorobenzene	8.812	112	134770	10.419	ug/L	99
52) Ethylbenzene	8.944	91	550835	27.120	ug/L	100
53) m,p-Xylene	9.069	106	431776	56.575	ug/L	100
54) o-Xylene	9.477	106	175812	24.428	ug/L	98
55) Styrene	9.493	104	512731	40.399	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	80590	22.297	ug/L	98
59) Bromoform	9.664	173	47157	16.350	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	137988	38.148	ug/L	97
64) 1,3-Dichlorobenzene	11.114	146	563749	54.709	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	367411	34.544	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	176029	18.153	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	22574	27.908	ug/L	96
70) 1,2,4-trichlorobenzene	13.197	180	93768	15.450	ug/L	98

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

