

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062824\
 Data File : VW036354.D
 Acq On : 28 Jun 2024 16:55
 Operator : SY/MD
 Sample : P3010-25DL 2X
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4DJ9DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/03/2024
 Supervised By :Semsettin Yesilyurt 07/03/2024

Quant Time: Jun 29 01:59:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 23:33:02 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	306548	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	312502	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	157633	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	118945	22.847	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.400%
7) Chloroethane-d5	1.526	69	96900	23.303	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.050	65	56406	23.047	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.200%
21) 2-Butanone-d5	3.838	46	57864m	47.889	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.780%
24) Chloroform-d	4.243	84	229325	25.344	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.360%
26) 1,2-Dichloroethane-d4	4.937	65	118582	24.574	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.280%
32) Benzene-d6	4.953	84	398173	22.571	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.280%
36) 1,2-Dichloropropane-d6	5.986	67	128849	24.283	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.120%
41) Toluene-d8	7.240	98	386134	24.277	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.120%
43) trans-1,3-Dichloroprop...	7.551	79	53017	22.375	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.480%
47) 2-Hexanone-d5	8.030	63	33925	40.053	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.100%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	99844	22.955	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	131389	22.873	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.480%
Target Compounds						
12) 1,1-Dichloroethene	2.060	96	112206	23.238	ug/L	96
13) Acetone	2.146	43	54711	33.515	ug/L #	86
16) Methylene chloride	2.439	84	275472	45.645	ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	72699	15.164	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	229300	20.547	ug/L	99
19) 1,1-Dichloroethane	3.105	63	393348	46.146	ug/L	99
22) 2-Butanone	3.899	43	150882	109.617	ug/L	96
25) Chloroform	4.269	83	435269	47.875	ug/L	99
31) Carbon tetrachloride	4.728	117	57410	8.316	ug/L	99
33) Benzene	5.002	78	623994	33.712	ug/L	100
34) Trichloroethene	5.828	95	267748	45.841	ug/L	98
37) 1,2-Dichloropropane	6.088	63	90660	19.179	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	224806	30.927	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	203892	76.479	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	234206	35.823	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	110152	26.363	ug/L	98
50) 1,2-Dibromoethane	8.281	107	99283	24.120	ug/L	99
53) m,p-Xylene	9.069	106	178911	22.984	ug/L	97
54) o-Xylene	9.474	106	245503	33.538	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) 1,1,2,2-Tetrachloroethane	10.175	83	89939	24.051	ug/L	99
59) Bromoform	9.664	173	30226	10.130	ug/L	97
61) 1,2,3-Trichloropropane	10.207	75	150472	42.299	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	193702	19.509	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	212671	19.982	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	10396	13.026	ug/L	87
70) 1,2,4-trichlorobenzene	13.197	180	62073	10.411	ug/L	99

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

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