

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070124\
 Data File : VW036367.D
 Acq On : 01 Jul 2024 11:58
 Operator : SY/MD
 Sample : P3035-29
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4DK0

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/05/2024
 Supervised By :Semsettin Yesilyurt 07/05/2024

Quant Time: Jul 02 02:36:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 02:29:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	297002	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	323701	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	133649	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	120914	23.972	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.880%
7) Chloroethane-d5	1.529	69	104440	25.923	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.680%
11) 1,1-Dichloroethene-d2	2.053	65	58515	24.677	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.720%
21) 2-Butanone-d5	3.847	46	62589m	53.465	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.920%
24) Chloroform-d	4.243	84	270082	30.807	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	123.240%
26) 1,2-Dichloroethane-d4	4.937	65	133906	28.642	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.560%
32) Benzene-d6	4.953	84	438970	24.023	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.080%
36) 1,2-Dichloropropane-d6	5.985	67	142643	25.952	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.800%
41) Toluene-d8	7.239	98	423801	25.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.880%
43) trans-1,3-Dichloroprop...	7.548	79	61986	25.255	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.000%
47) 2-Hexanone-d5	8.030	63	45663	52.047	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.100%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	113754	25.248	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.557	152	140135	28.773	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.080%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.063	96	441396	94.351	ug/L #	72
13) Acetone	2.159	43	291151	184.087	ug/L #	63
16) Methylene chloride	2.439	84	296257	50.667	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	1163124	107.572	ug/L	100
19) 1,1-Dichloroethane	3.104	63	558293	67.601	ug/L	99
22) 2-Butanone	3.899	43	301680	226.217	ug/L	92
25) Chloroform	4.268	83	816184	92.658	ug/L	99
33) Benzene	5.005	78	324944	16.948	ug/L	100
37) 1,2-Dichloropropane	6.088	63	205354	41.939	ug/L	98
38) Bromodichloromethane	6.429	83	137139	20.478	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	519721	69.025	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	443235	160.504	ug/L	99
42) Toluene	7.310	91	825109	41.159	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	618661	91.353	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	82455	19.052	ug/L	97
46) Tetrachloroethene	7.902	164	172359	39.199	ug/L	98
48) 2-Hexanone	8.075	43	458815	211.227	ug/L	97
50) 1,2-Dibromoethane	8.278	107	285926	67.061	ug/L	97
51) Chlorobenzene	8.808	112	745831	54.426	ug/L	99

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52) Ethylbenzene	8.943	91	277931	12.847	ug/L	100
53) m,p-Xylene	9.069	106	323965	40.179	ug/L	100
54) o-Xylene	9.474	106	527405	69.557	ug/L	97
59) Bromoform	9.660	173	254127	100.449	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	205753	68.219	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	346152	38.360	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	692951	86.222	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	88180	130.316	ug/L	93
70) 1,2,4-trichlorobenzene	13.194	180	117943	23.332	ug/L	99

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

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