

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070124\
 Data File : VW036369.D
 Acq On : 01 Jul 2024 12:44
 Operator : SY/MD
 Sample : P3035-29DL 2X
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4DK0DL

Quant Time: Jul 02 02:36:46 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	5.529	114	289803	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	320031	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	137776	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	109944	22.338	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.360%
7) Chloroethane-d5	1.526	69	98255	24.994	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.960%
11) 1,1-Dichloroethene-d2	2.050	65	53628	23.178	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.720%
21) 2-Butanone-d5	3.844	46	52227	45.721	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.440%
24) Chloroform-d	4.243	84	239155	27.957	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.840%
26) 1,2-Dichloroethane-d4	4.937	65	124437	27.277	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.120%
32) Benzene-d6	4.953	84	404178	22.373	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.480%
36) 1,2-Dichloropropane-d6	5.986	67	134175	24.692	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.760%
41) Toluene-d8	7.239	98	389003	23.882	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.520%
43) trans-1,3-Dichloroprop...	7.551	79	56812	23.412	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.640%
47) 2-Hexanone-d5	8.030	63	39541	45.586	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.180%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	106646	23.942	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.760%
66) 1,2-Dichlorobenzene-d4	11.558	152	138767	27.639	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.560%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.060	96	236985	51.915	ug/L #	80
13) Acetone	2.163	43	134013	86.838	ug/L #	69
16) Methylene chloride	2.439	84	174429	30.573	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	590583	55.977	ug/L	99
19) 1,1-Dichloroethane	3.105	63	293353	36.403	ug/L	98
22) 2-Butanone	3.908	43	130625	100.383	ug/L #	72
25) Chloroform	4.269	83	435494	50.668	ug/L	99
33) Benzene	5.005	78	169946	8.966	ug/L	100
37) 1,2-Dichloropropane	6.088	63	107091	22.122	ug/L	98
38) Bromodichloromethane	6.432	83	73462	11.095	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	254701	34.215	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	217127	79.528	ug/L	99
42) Toluene	7.310	91	430765	21.734	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	313722	46.856	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	43333	10.127	ug/L	98
46) Tetrachloroethene	7.902	164	92448	21.266	ug/L	98
48) 2-Hexanone	8.075	43	221708	103.239	ug/L	98
50) 1,2-Dibromoethane	8.278	107	152377	36.148	ug/L	99
51) Chlorobenzene	8.809	112	396244	29.247	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Ethylbenzene	8.944	91	139179	6.507	ug/L	99
53) m,p-Xylene	9.072	106	154589	19.393	ug/L	98
54) o-Xylene	9.474	106	262094	34.963	ug/L	99
59) Bromoform	9.661	173	134163	51.442	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	110136	35.422	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	193215	20.770	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	392423	47.366	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	45055	64.590	ug/L	93
70) 1,2,4-trichlorobenzene	13.194	180	77580	14.888	ug/L	99

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

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