

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017909.D
 Acq On : 15 Jan 2021 19:43
 Operator : SY/VA
 Sample : M1099-20
 Misc : 6.70G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C16

Manual Integrations
 APPROVED

apatel
 1/18/2021 8:51:00 AM

Quant Time: Jan 18 04:04:40 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 18 02:07:49 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	260525	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	175750	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	49408	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	98545	24.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.80%
7) Chloroethane-d5	2.89	69	82515	24.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.20%
10) 1,1-Dichloroethene-d2	4.02	63	118169	16.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.32%
20) 2-Butanone-d5	7.07	46	53603	82.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	164.10%#
24) Chloroform-d	7.65	84	169092	24.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.36%
26) 1,2-Dichloroethane-d4	8.31	65	106945	30.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.40%
29) Benzene-d6	8.27	84	311177	31.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.72%
33) 1,2-Dichloropropane-d6	9.27	67	97313	35.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	142.64%#
37) Toluene-d8	10.32	98	236465	24.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.48%
38) trans-1,3-Dichloropropene-	10.58	79	27140	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.24%
39) 2-Hexanone-d5	10.93	63	36959	107.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	215.70%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	71225	35.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.64%#
61) 1,2-Dichlorobenzene-d4	13.85	152	40924	23.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	79916	141.653	ug/L	89
14) Carbon disulfide	4.39	76	24170	2.521	ug/L	100
16) Methylene chloride	4.92	84	9987	2.681	ug/L	89
21) 2-Butanone	7.18	43	25765	33.952	ug/L	94
30) Cyclohexane	7.94	56	2130m	0.509	ug/L	
34) Benzene	8.32	78	10290	1.024	ug/L	100
36) Methylcyclohexane	9.34	83	6889	1.417	ug/L #	73
44) Toluene	10.39	91	14585	1.273	ug/L	98
52) Chlorobenzene	11.66	112	436986	61.090	ug/L	93
53) Ethylbenzene	11.73	91	8517	0.655	ug/L	95
54) m,p-Xylene	11.84	106	7159	1.408	ug/L	95
55) o-xylene	12.16	106	2934	0.613	ug/L	93
57) Isopropylbenzene	12.46	105	115996	8.760	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	65596	21.510	ug/L	90
64) 1,4-Dichlorobenzene	13.58	146	141439	46.153	ug/L	94

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

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