

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011221\
 Data File : VW017839.D
 Acq On : 12 Jan 2021 16:39
 Operator : SY/VA
 Sample : M1099-02
 Misc : 2.70G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C02

Manual Integrations
 APPROVED

MMDadoda
 1/13/2021 4:36:20 PM

Quant Time: Jan 22 05:06:43 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 21:58:14 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	246661	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	173990	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	68952	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.32	65	899399m	235.66	ug/L	-0.03
Spiked Amount	25.000	Range	30 - 150	Recovery	=	942.64%#
7) Chloroethane-d5	2.88	69	61681	19.58	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.32%
10) 1,1-Dichloroethene-d2	4.04	63	521600	78.44	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	313.76%#
20) 2-Butanone-d5	0.00	46	0d	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
24) Chloroform-d	7.66	84	147078	22.82	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.28%
26) 1,2-Dichloroethane-d4	8.31	65	98282	29.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.84%
29) Benzene-d6	8.28	84	307841	31.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.64%
33) 1,2-Dichloropropane-d6	9.29	67	119218	44.13	ug/L	0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	176.52%#
37) Toluene-d8	10.33	98	258071	27.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.68%
38) trans-1,3-Dichloropropene-	10.59	79	45580	37.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	151.40%#
39) 2-Hexanone-d5	10.93	63	31191	91.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	183.88%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	73956	36.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	147.52%#
61) 1,2-Dichlorobenzene-d4	13.85	152	58775	24.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.32	62	54075838m	13204.897	ug/L	
12) 1,1-Dichloroethene	4.04	96	686975	225.986	ug/L #	77
13) Acetone	4.12	43	50303	94.175	ug/L	64
14) Carbon disulfide	4.39	76	898298	98.961	ug/L	100
16) Methylene chloride	4.93	84	18622	5.279	ug/L	85
18) trans-1,2-Dichloroethene	5.43	96	2937351	895.833	ug/L	97
22) cis-1,2-Dichloroethene	7.13	96	66711947m	19362.100	ug/L	
34) Benzene	8.34	78	39936	4.014	ug/L	100
35) Trichloroethene	9.09	95	47379359m	17206.063	ug/L	
44) Toluene	10.40	91	45353	3.998	ug/L	99
47) Tetrachloroethene	10.88	164	35243667m	16370.405	ug/L	
52) Chlorobenzene	11.66	112	22031	3.111	ug/L	93
53) Ethylbenzene	11.73	91	16259	1.263	ug/L	91
54) m,p-Xylene	11.84	106	19143	3.802	ug/L	99
55) o-xylene	12.17	106	6711	1.417	ug/L	94
57) Isopropylbenzene	12.47	105	8934	0.681	ug/L #	75
63) 1,3-Dichlorobenzene	13.50	146	60488	14.213	ug/L	96

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64) 1,4-Dichlorobenzene	13.58	146	33590	7.854	ug/L	88
68) 1,2,4-trichlorobenzene	15.13	180	2676	1.114	ug/L #	60

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

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