

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080520\
 Data File : VW016040.D
 Acq On : 05 Aug 2020 13:43
 Operator : SY/VA
 Sample : L3564-01
 Misc : 6.63G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSM8

Quant Time: Aug 06 03:20:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 05 03:09:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.86	114	291986	25.00	ug/L	0.01
28) Chlorobenzene-d5	11.66	117	212938	25.00	ug/L	0.02
60) 1,4-Dichlorobenzene-d4	13.57	152	74722m	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	71668	17.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.56%
7) Chloroethane-d5	2.90	69	62481	18.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.68%
10) 1,1-Dichloroethene-d2	4.03	63	117571	14.11	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.44%
20) 2-Butanone-d5	7.09	46	36107	33.36	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.72%
24) Chloroform-d	7.66	84	160866	19.62	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.48%
26) 1,2-Dichloroethane-d4	8.32	65	84746	18.83	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.32%
29) Benzene-d6	8.29	84	315878	24.37	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.48%
33) 1,2-Dichloropropane-d6	9.29	67	86808	22.34	ug/L	0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.36%
37) Toluene-d8	10.34	98	265132	22.58	ug/L	0.02
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.32%
38) trans-1,3-Dichloropropene-	10.59	79	37104	22.40	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.60%
39) 2-Hexanone-d5	10.93	63	855m	1.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	2.64%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	56380	18.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	57867	19.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	18002	19.807	ug/L	94
14) Carbon disulfide	4.39	76	4555	0.384	ug/L	96
18) trans-1,2-Dichloroethene	5.45	96	8405	2.121	ug/L	90
22) cis-1,2-Dichloroethene	7.18	96	2189682	528.033	ug/L	93
35) Trichloroethene	9.10	95	15405709	4503.024	ug/L	94
44) Toluene	10.41	91	46834	3.453	ug/L	98
47) Tetrachloroethene	10.90	164	45879905m	17276.947	ug/L	
52) Chlorobenzene	11.68	112	6729	0.774	ug/L	91
53) Ethylbenzene	11.76	91	16962	1.112	ug/L	98
54) m,p-Xylene	11.85	106	22378	3.921	ug/L	93
55) o-xylene	12.18	106	7625	1.419	ug/L	94
57) Isopropylbenzene	12.49	105	64530m	4.412	ug/L	
58) 1,1,2,2-Tetrachloroethane	12.73	83	15996	5.913	ug/L #	35

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

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