

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
 Data File : VW015919.D
 Acq On : 23 Jul 2020 13:32
 Operator : SY/VA
 Sample : L3395-06
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY16

Quant Time: Jul 24 07:15:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 24 06:59:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	458725	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	429595	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	204313	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	121389	18.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.00%
7) Chloroethane-d5	2.89	69	110939	21.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.40%
10) 1,1-Dichloroethene-d2	4.01	63	277760	21.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.88%
20) 2-Butanone-d5	7.09	46	78996	46.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.92%
24) Chloroform-d	7.65	84	274090	21.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.08%
26) 1,2-Dichloroethane-d4	8.31	65	156216	22.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.36%
29) Benzene-d6	8.27	84	563081	21.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.12%
33) 1,2-Dichloropropane-d6	9.27	67	170343	21.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.92%
37) Toluene-d8	10.32	98	489569	20.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.68%
38) trans-1,3-Dichloropropene-	10.58	79	70148	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.96%
39) 2-Hexanone-d5	10.93	63	60839	46.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136203	22.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	174483	21.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.60%

Target Compounds

					Qvalue
3) Chloromethane	2.21	50	113619	24.202 ug/L	99
6) Bromomethane	2.78	94	39349	9.109 ug/L	100
9) Trichlorofluoromethane	3.26	101	85562	17.580 ug/L	99
12) 1,1-Dichloroethene	4.03	96	133569	22.651 ug/L	98
13) Acetone	4.14	43	113088	79.199 ug/L	97
15) Methyl Acetate	4.68	43	107407	39.894 ug/L	99
16) Methylene chloride	4.91	84	83751	11.142 ug/L	94
17) Methyl tert-butyl Ether	5.43	73	284921	34.169 ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	68131	10.941 ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	175793	26.983 ug/L	99
23) Bromochloromethane	7.51	128	43860	15.353 ug/L	94
27) 1,2-Dichloroethane	8.40	62	80589	10.414 ug/L	99
30) Cyclohexane	7.96	56	108224	9.991 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	99292	9.898 ug/L	99
32) Carbon tetrachloride	8.07	117	111195	12.224 ug/L	98
35) Trichloroethene	9.09	95	280217	40.599 ug/L	99
36) Methylcyclohexane	9.34	83	313486	26.469 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

40) 1,2-Dichloropropane	9.37	63	84553	13.081	ug/L	100
41) Bromodichloromethane	9.65	83	166808	19.983	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	169362	17.204	ug/L	100
44) Toluene	10.39	91	572516	20.921	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	66655	7.811	ug/L	100
47) Tetrachloroethene	10.86	164	218608	40.804	ug/L	97
49) 2-Hexanone	10.97	43	98894	36.937	ug/L	91
50) Dibromochloromethane	11.13	129	107606	19.996	ug/L	99
53) Ethylbenzene	11.73	91	475815	15.462	ug/L	95
54) m,p-Xylene	11.85	106	117856	10.237	ug/L	96
55) o-xylene	12.17	106	135612	12.509	ug/L	96
57) Isopropylbenzene	12.46	105	372174	12.611	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	259803	19.868	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	122831	10.341	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	16167	18.084	ug/L	97

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

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