

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072120\
 Data File : VW015878.D
 Acq On : 21 Jul 2020 10:41
 Operator : SY/VA
 Sample : L3341-05
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXY6

Quant Time: Jul 22 06:35:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 22 06:22:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	456572	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	417833	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	193435	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	143374	22.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.00%
7) Chloroethane-d5	2.89	69	124006	23.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.80%
10) 1,1-Dichloroethene-d2	4.01	63	302916	23.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.04%
20) 2-Butanone-d5	7.09	46	91467	54.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.10%
24) Chloroform-d	7.65	84	289058	22.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.16%
26) 1,2-Dichloroethane-d4	8.31	65	169420	24.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.28%
29) Benzene-d6	8.27	84	594559	23.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.52%
33) 1,2-Dichloropropane-d6	9.27	67	177712	23.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.24%
37) Toluene-d8	10.32	98	525329	22.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.20%
38) trans-1,3-Dichloropropene-	10.58	79	76972	23.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.72%
39) 2-Hexanone-d5	10.93	63	70488	55.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	146154	24.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	178094	23.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.21	50	91554	19.594	ug/L	100
6) Bromomethane	2.79	94	41959	9.759	ug/L	100
9) Trichlorofluoromethane	3.26	101	80473	16.612	ug/L	100
12) 1,1-Dichloroethene	4.04	96	128306	21.861	ug/L	97
13) Acetone	4.14	43	107937	75.948	ug/L	99
15) Methyl Acetate	4.67	43	116438	43.452	ug/L	99
16) Methylene chloride	4.92	84	90544	12.103	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	288044	34.706	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	66942	10.801	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	172526	26.606	ug/L	99
23) Bromochloromethane	7.52	128	44437	15.628	ug/L	92
27) 1,2-Dichloroethane	8.40	62	82274	10.682	ug/L	97
30) Cyclohexane	7.96	56	109544	10.397	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	100170	10.267	ug/L	99
32) Carbon tetrachloride	8.07	117	115008	12.999	ug/L	99
35) Trichloroethene	9.09	95	271327	40.417	ug/L	97
36) Methylcyclohexane	9.34	83	305893	26.555	ug/L	100

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40) 1,2-Dichloropropane	9.37	63	82440	13.113	ug/L	100
41) Bromodichloromethane	9.65	83	167235	20.598	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	169466	17.699	ug/L	98
44) Toluene	10.39	91	559551	21.023	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	68716	8.280	ug/L	99
47) Tetrachloroethene	10.87	164	209256	40.158	ug/L	96
49) 2-Hexanone	10.97	43	98396	37.786	ug/L	93
50) Dibromochloromethane	11.13	129	108832	20.793	ug/L	97
53) Ethylbenzene	11.73	91	465219	15.544	ug/L	98
54) m,p-Xylene	11.85	106	115992	10.359	ug/L	100
55) o-xylene	12.17	106	131961	12.515	ug/L	96
57) Isopropylbenzene	12.47	105	370132	12.895	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	256908	20.752	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	118598	10.546	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	17764	20.988	ug/L	97

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

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