

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071919\
 Data File : VW011371.D
 Acq On : 19 Jul 2019 11:36
 Operator : SY/VA
 Sample : K3831-06
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAMR3

Manual Integrations
 APPROVED

MMDadoda
 7/24/2019 12:48:59 AM

Quant Time: Jul 20 01:05:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 20 00:46:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	333904	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	294180	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	146214	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	135831	26.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.56%
7) Chloroethane-d5	2.88	69	96416	26.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.80%
10) 1,1-Dichloroethene-d2	4.01	63	288187	26.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	106.76%
20) 2-Butanone-d5	7.07	46	96152	47.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.74%
24) Chloroform-d	7.64	84	237209	25.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.68%
26) 1,2-Dichloroethane-d4	8.30	65	144754	25.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.72%
29) Benzene-d6	8.27	84	513750	28.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.40%
33) 1,2-Dichloropropane-d6	9.27	67	164174	27.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.28%
37) Toluene-d8	10.32	98	454503	28.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.56%
38) trans-1,3-Dichloropropene-	10.57	79	67628	26.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.80%
39) 2-Hexanone-d5	10.92	63	66144	48.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120906	24.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	147907	26.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.21	50	96876	21.728	ug/L	99
6) Bromomethane	2.78	94	26202	9.624	ug/L	98
9) Trichlorofluoromethane	3.25	101	35792	17.964	ug/L	100
12) 1,1-Dichloroethene	4.03	96	104348	23.780	ug/L	96
13) Acetone	4.12	43	156318	79.684	ug/L	99
15) Methyl Acetate	4.67	43	119990m	37.590	ug/L	
16) Methylene chloride	4.91	84	60268	12.283	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	217467	31.957	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	50975	11.496	ug/L	93
22) cis-1,2-Dichloroethene	7.17	96	130291	27.146	ug/L	99
23) Bromochloromethane	7.51	128	31691	15.736	ug/L	99
27) 1,2-Dichloroethane	8.40	62	66703	10.234	ug/L	99
30) Cyclohexane	7.95	56	102738	11.486	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	70127	11.486	ug/L	99
32) Carbon tetrachloride	8.06	117	81500	14.233	ug/L	98
35) Trichloroethene	9.09	95	209206	45.091	ug/L	100
36) Methylcyclohexane	9.33	83	242899	29.092	ug/L	100

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40) 1,2-Dichloropropane	9.37	63	71431	14.178	ug/L	100
41) Bromodichloromethane	9.64	83	125933	21.681	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	136885	18.414	ug/L	97
44) Toluene	10.38	91	437306	22.979	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	54335	8.834	ug/L	99
47) Tetrachloroethene	10.86	164	160427	45.751	ug/L	98
49) 2-Hexanone	10.97	43	159226	46.838	ug/L	99
50) Dibromochloromethane	11.13	129	77365	20.824	ug/L	100
53) Ethylbenzene	11.73	91	362566	16.796	ug/L	100
54) m,p-Xylene	11.85	106	87644	11.183	ug/L	97
55) o-xylene	12.16	106	101893	13.667	ug/L	96
57) Isopropylbenzene	12.46	105	285872	14.047	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	197023	21.902	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	92081	10.997	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.48	75	14624	17.789	ug/L	94

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

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