

Data File : VW001888.D
Acq On : 06 Apr 2018 17:55
Operator : JC/SY
Sample : J2135-06
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
X2C44

Manual Integrations
APPROVED

apatel
4/9/2018 2:46:48 PM

Quant Time: Apr 07 20:48:29 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040518S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 06 22:50:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	407613	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	411368	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	208875	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	88134	14.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.68%
7) Chloroethane-d5	2.88	69	76043	16.62	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.48%
10) 1,1-Dichloroethene-d2	4.01	63	238035	18.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.48%
20) 2-Butanone-d5	7.09	46	84330	50.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.86%
24) Chloroform-d	7.65	84	226520	20.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	8.31	65	157313m	22.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.04%
29) Benzene-d6	8.28	84	513808	22.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.24%
33) 1,2-Dichloropropane-d6	9.28	67	168312	22.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.88%
37) Toluene-d8	10.34	98	474151	22.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.44%
38) trans-1,3-Dichloropropene-	10.59	79	71390	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.80%
39) 2-Hexanone-d5	10.93	63	67609	41.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.42%
48) 1,1,2,2-Tetrachloroethane-	12.71	84	145547	20.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.56%
61) 1,2-Dichlorobenzene-d4	13.87	152	176138	22.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.04%

Target Compounds

						Qvalue
3) Chloromethane	2.22	50	131233	15.59	ug/L	100
6) Bromomethane	2.76	94	35646	9.92	ug/L	97
9) Trichlorofluoromethane	3.26	101	167732	15.34	ug/L	100
12) 1,1-Dichloroethene	4.03	96	123286	20.94	ug/L	95
13) Acetone	4.13	43	75964	39.53	ug/L	99
15) Methyl Acetate	4.68	43	170218	37.18	ug/L	98
16) Methylene chloride	4.92	84	85399	10.11	ug/L	97
17) Methyl tert-butyl Ether	5.44	73	475414	35.89	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	73391	11.63	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	185029	28.49	ug/L	98
23) Bromochloromethane	7.52	128	48510	16.75	ug/L	96
25) Chloroform	7.68	83	35396	2.69	ug/L	92
27) 1,2-Dichloroethane	8.40	62	97195	11.17	ug/L	99
30) Cyclohexane	7.96	56	122290	11.29	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	118339	10.73	ug/L	99
32) Carbon tetrachloride	8.07	117	134044	13.22	ug/L	100
35) Trichloroethene	9.09	95	303805	42.76	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Methylcyclohexane	9.34	83	327083	29.09	ug/L	99
40) 1,2-Dichloropropane	9.38	63	101255	14.11	ug/L	99
41) Bromodichloromethane	9.65	83	192784	21.59	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	192982	19.20	ug/L	100
44) Toluene	10.40	91	654674	23.58	ug/L	100
45) trans-1,3-Dichloropropene	10.62	75	84718	9.51	ug/L	98
47) Tetrachloroethene	10.87	164	240369	42.83	ug/L	98
49) 2-Hexanone	10.98	43	105077	26.34	ug/L	98
50) Dibromochloromethane	11.14	129	130231	21.11	ug/L	99
53) Ethylbenzene	11.74	91	521069	17.06	ug/L	100
54) m,p-Xylene	11.86	106	128139	11.31	ug/L	95
55) o-xylene	12.18	106	146627	14.16	ug/L	96
57) Isopropylbenzene	12.48	105	402290	14.31	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	303461	22.58	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	147987	11.11	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.51	75	26111	18.56	ug/L	97

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

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