

Data File : VW001887.D
Acq On : 06 Apr 2018 13:57
Operator : JC/SY
Sample : J2250-01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DART4

Manual Integrations
APPROVED

apatel
4/9/2018 2:46:41 PM

Quant Time: Apr 06 22:57:15 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	406355	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.65	117	411137	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	216697	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	95697	15.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.84%
7) Chloroethane-d5	2.89	69	81431	17.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.40%
10) 1,1-Dichloroethene-d2	4.01	63	237217	18.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.44%
20) 2-Butanone-d5	7.09	46	96006	58.16	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.32%
24) Chloroform-d	7.65	84	254147	23.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	8.31	65	166990m	23.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.88%
29) Benzene-d6	8.28	84	529871	22.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.04%
33) 1,2-Dichloropropane-d6	9.28	67	173574	22.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.68%
37) Toluene-d8	10.34	98	496654	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.72%
38) trans-1,3-Dichloropropene-	10.59	79	74305	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.48%
39) 2-Hexanone-d5	10.94	63	74951	46.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.54%
48) 1,1,2,2-Tetrachloroethane-	12.71	84	165076	23.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.68%
61) 1,2-Dichlorobenzene-d4	13.87	152	181276	22.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.32%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	101879	10.95	ug/L	98
5) Vinyl chloride	2.36	62	71578	9.15	ug/L	93
8) Chloroethane	2.92	64	61209	14.43	ug/L	99
12) 1,1-Dichloroethene	4.04	96	61380	10.46	ug/L	92
13) Acetone	4.13	43	192606	100.53	ug/L	99
14) Carbon disulfide	4.37	76	429933	20.77	ug/L	98
16) Methylene chloride	4.92	84	232257	27.59	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	151690	24.11	ug/L	98
19) 1,1-Dichloroethane	6.22	63	121999	10.07	ug/L	98
22) cis-1,2-Dichloroethene	7.18	96	195295	30.16	ug/L	96
23) Bromochloromethane	7.52	128	116190	40.24	ug/L	93
25) Chloroform	7.68	83	155018	11.81	ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	411243	37.30	ug/L	100
32) Carbon tetrachloride	8.07	117	141550	13.96	ug/L	100
35) Trichloroethene	9.10	95	205439	28.93	ug/L	99
40) 1,2-Dichloropropane	9.38	63	132909	18.53	ug/L	99
41) Bromodichloromethane	9.65	83	107831	12.08	ug/L	99

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42) cis-1,3-Dichloropropene	10.08	75	110790	11.03	ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	200187	36.40	ug/L	99
45) trans-1,3-Dichloropropene	10.62	75	184388	20.71	ug/L	100
46) 1,1,2-Trichloroethane	10.80	97	53940	10.05	ug/L	97
47) Tetrachloroethene	10.87	164	104886	18.70	ug/L	97
49) 2-Hexanone	10.98	43	184837	46.36	ug/L	99
50) Dibromochloromethane	11.13	129	74645	12.11	ug/L	97
51) 1,2-Dibromoethane	11.24	107	96021	19.38	ug/L	98
56) Styrene	12.19	104	302810	17.06	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.73	83	197962	27.62	ug/L	97
62) Bromoform	12.36	173	73357	18.02	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	349060	25.03	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.51	75	50046	34.29	ug/L	94
70) 1,2,3-Trichlorobenzene	15.58	180	67154	8.16	ug/L	100

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

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