Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005438.D
Acq On : 13 May 2016 18:55
Operator : UM/SJ
Sample : H2847-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD371

Manual Integrations APPROVED
sohil
5/14/2016 9:58:53 AM

Quant Time: May 14 00:56:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	62584	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	292899	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	184481	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	445533	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	502701	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	394277	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	4684	3.52	ng/uL	0.00
5) Phenol-d5	6.93	99	105941	18.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	60542	18.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	83599	19.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	81136	17.29	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	40381	19.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	46949	19.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	90667	20.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	23127m	4.37	ng/ul	0.01
43) Dimethylphthalate-d6	13.80	166	316742	21.42	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	371618	21.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	38823m	14.38	ng/ul	0.00
57) Fluorene-d10	15.39	176	284702	22.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	37606	15.00	ng/ul	0.00
70) Anthracene-d10	17.24	188	439150	22.30	ng/ul	0.00
76) Pyrene-d10	19.54	212	530967	22.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	403928	23.14	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.91	77	5512	2.00	ng/ul	94
14) Acetophenone	8.58	105	8089	1.16	ng/ul	97
44) Dimethylphthalate	13.85	163	87747	5.94	ng/ul	99
69) Phenanthrene	17.19	178	144828	6.18	ng/ul	100
74) Fluoranthene	19.20	202	460160	17.73	ng/ul	98
77) Pyrene	19.57	202	381198	13.07	ng/ul	99
80) Benzo(a)anthracene	21.32	228	192054	6.64	ng/ul	99
82) Chrysene	21.37	228	203164	7.41	ng/ul	98
85) Benzo(b)fluoranthene	22.93	252	268156	11.64	ng/ul	99
86) Benzo(k)fluoranthene	22.97	252	85256m	3.93	ng/ul	
88) Benzo(a)pyrene	23.51	252	160057	7.34	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.90	276	102645	4.32	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.91	278	24256	1.22	ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	84271	4.18	ng/ul	97

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

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