Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008787.D
Acq On : 22 Jan 2017 01:01
Operator : UM/SJ
Sample : I1323-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R7

Manual Integrations APPROVED
mohammad
1/23/2017 2:49:06 PM

Quant Time: Jan 23 10:39:33 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 23 04:58:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	94630	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	417714	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.59	164	528233	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.34	188	739057	20.00	ng/ul	0.02
75) Chrysene-d12	21.49	240	824518	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	748229	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	2626m	1.28	ng/uL	0.01
5) Phenol-d5	7.09	99	25182	3.24	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.29	67	194458	36.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	134871	24.91	ng/ul	0.02
13) 4-Methylphenol-d8	8.67	113	99556	16.51	ng/ul	0.03
19) Nitrobenzene-d5	9.13	128	100706	39.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	120417	42.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	220728	34.22	ng/ul	0.02
29) 4-Chloroaniline-d4	10.94	131	19354m	2.71	ng/ul	0.05
43) Dimethylphthalate-d6	14.09	166	833646	23.92	ng/ul	0.10
46) Acenaphthylene-d8	14.28	160	977340	23.78	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.57	176	732078	22.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.44	188	1208822	37.97	ng/ul	0.02
76) Pyrene-d10	19.72	212	1365777	37.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	1163624	38.13	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.79	105	63670	6.01	ng/ul#	60
21) Isophorone	9.70	82	979930	60.54	ng/ul#	90
24) 2,4-Dimethylphenol	9.94	107	101450	11.95	ng/ul#	81
28) Naphthalene	10.82	128	27554633m	1443.44	ng/ul	
34) 2-Methylnaphthalene	12.42	142	4904890	331.44	ng/ul	99
39) 2,4,5-Trichlorophenol	13.11	196	10541546	1023.16	ng/ul	99
40) 1,1'-Biphenyl	13.42	154	710344	21.44	ng/ul	99
47) Acenaphthylene	14.31	152	123778	3.07	ng/ul#	67
49) Acenaphthene	14.65	153	1325797	47.56	ng/ul	96
53) Dibenzofuran	14.99	168	1983312	46.76	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	15.21	232	1040867	106.87	ng/ul#	90
58) Fluorene	15.63	166	1047642	30.13	ng/ul	98
68) Pentachlorophenol	17.02	266	13758893	2552.07	ng/ul	97
69) Phenanthrene	17.39	178	2939074	82.62	ng/ul	97
71) Anthracene	17.47	178	235837	6.45	ng/ul	95
72) Carbazole	17.75	167	5544540	170.39	ng/ul	98
74) Fluoranthene	19.38	202	195542	4.27	ng/ul	98
77) Pyrene	19.74	202	77187	1.74	ng/ul#	95

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

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