Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005571.D
Acq On : 22 May 2016 03:38
Operator : UM/SJ
Sample : H2890-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WT4

Manual Integrations APPROVED
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5/23/2016 8:32:55 PM

Quant Time: May 22 05:55:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 22 05:33:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	129080	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	542620	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	307412	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	706508	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	741724	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	761310	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	7501	2.55	ng/uL	0.00
5) Phenol-d5	6.99	99	183071	17.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	101362	16.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	147466	16.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	153328	17.68	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	69410	16.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	79122	17.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	155798	18.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	90001	10.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	472887	18.84	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	591987	18.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	96442	20.32	ng/ul	0.00
57) Fluorene-d10	15.44	176	478734	21.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	73741	18.15	ng/ul	0.00
70) Anthracene-d10	17.29	188	679241	20.18	ng/ul	0.00
76) Pyrene-d10	19.59	212	742287	22.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	705428	19.84	ng/ul	0.02
Target Compounds						Qvalue
4) Benzaldehyde	6.97	77	8650	1.26	ng/ul	92
14) Acetophenone	8.64	105	17925	1.37	ng/ul	94
28) Naphthalene	10.66	128	42416	1.56	ng/ul	100
34) 2-Methylnaphthalene	12.27	142	38037	1.91	ng/ul	100
44) Dimethylphthalate	13.91	163	370339	14.94	ng/ul	100
69) Phenanthrene	17.24	178	241208	6.11	ng/ul	99
72) Carbazole	17.60	167	40059	1.15	ng/ul	97
73) Di-n-butylphthalate	18.16	149	420761	9.93	ng/ul	100
74) Fluoranthene	19.25	202	534875	12.03	ng/ul	98
77) Pyrene	19.62	202	439559	10.31	ng/ul	99
80) Benzo(a)anthracene	21.36	228	201096	4.61	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.29	149	179988	7.09	ng/ul	99
82) Chrysene	21.41	228	275590	6.64	ng/ul	96
85) Benzo(b)fluoranthene	22.97	252	413577	9.21	ng/ul#	94
86) Benzo(k)fluoranthene	23.01	252	113527m	2.67	ng/ul	
88) Benzo(a)pyrene	23.56	252	231379	5.31	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.97	276	196295	3.79	ng/ul	99
90) Dibenzo(a,h)anthracene	25.98	278	46224	1.07	ng/ul#	80
91) Benzo(g,h,i)perylene	26.69	276	182858	4.20	ng/ul	96

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

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