Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005627.D
Acq On : 24 May 2016 02:28
Operator : UM/SJ
Sample : H3087-17RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL0RE

Manual Integrations APPROVED
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5/24/2016 7:41:50 PM

Quant Time: May 24 07:43:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	229337	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1007764	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	502032	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	867165	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	817019	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	811608	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	19510	3.73	ng/uL	0.00
5) Phenol-d5	6.97	99	468786	24.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	264947	24.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	386687	24.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	350338	22.74	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	189712	24.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	210722	24.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	371183	23.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	244098	15.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1023089	24.97	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1300631	25.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	125818	16.23	ng/ul	0.00
57) Fluorene-d10	15.43	176	827583	23.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	60553	12.14	ng/ul	0.00
70) Anthracene-d10	17.28	188	1081929	26.19	ng/ul	0.00
76) Pyrene-d10	19.57	212	1070562	28.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	970528	25.61	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.62	105	57397	2.47	ng/ul	99
28) Naphthalene	10.64	128	163658	3.23	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	52844	1.43	ng/ul	98
44) Dimethylphthalate	13.89	163	425454	10.51	ng/ul	99
47) Acenaphthylene	14.16	152	172283	3.31	ng/ul	98
58) Fluorene	15.49	166	69478	1.77	ng/ul	96
69) Phenanthrene	17.23	178	676076	13.95	ng/ul	99
71) Anthracene	17.32	178	191050	3.87	ng/ul	95
72) Carbazole	17.59	167	48905	1.14	ng/ul#	81
74) Fluoranthene	19.24	202	689960	12.65	ng/ul	98
77) Pyrene	19.60	202	687836	14.64	ng/ul	100
80) Benzo(a)anthracene	21.34	228	373381m	7.78	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.27	149	33555	1.20	ng/ul#	95
82) Chrysene	21.39	228	506320	11.08	ng/ul	97
85) Benzo(b)fluoranthene	22.95	252	690232	14.42	ng/ul#	92
86) Benzo(k)fluoranthene	22.99	252	208426m	4.60	ng/ul	
88) Benzo(a)pyrene	23.54	252	420402	9.05	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	25.94	276	336455	6.10	ng/ul	99
90) Dibenzo(a,h)anthracene	25.95	278	83211	1.81	ng/ul#	80
91) Benzo(g,h,i)perylene	26.66	276	335665	7.24	ng/ul	95

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

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