Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BM102517\
Data File : BM012441.D
Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-33(3.5-4.5)-100417RE

Manual Integrations APPROVED
Sohil
6/27/2018 2:47:47 PM

Quant Time: Jun 25 01:27:20 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 01:09:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	721035	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	3028965	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	2553124	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.26	188	4656809	20.00	ng/ul	0.02
75) Chrysene-d12	21.44	240	3907853	20.00	ng/ul	0.02
83) Perylene-d12	23.74	264	3678033	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	47044	3.33	ng/uL	0.00
5) Phenol-d5	7.05	99	1264047	20.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	760773	21.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	995185	22.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	842265	16.36	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	502518	26.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	566508	28.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	1049149	20.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	165170	3.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	3596511	16.12	ng/ul	0.01
46) Acenaphthylene-d8	14.21	160	4627449	17.54	ng/ul	0.01
51) 4-Nitrophenol-d4	14.74	143	233719	7.05	ng/ul	0.04
57) Fluorene-d10	15.51	176	3261517	17.28	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.62	200	42760	1.90	ng/ul	0.02
70) Anthracene-d10	17.36	188	5064275	22.82	ng/ul	0.02
76) Pyrene-d10	19.68	212	4943149	27.57	ng/ul	0.05
87) Benzo(a)pyrene-d12	23.60	264	3789638	21.69	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	7.08	94	806603	12.861	ng/ul#	85
28) Naphthalene	10.72	128	316205	2.105	ng/ul	97
44) Dimethylphthalate	13.97	163	1878468m	8.514	ng/ul	
47) Acenaphthylene	14.24	152	345446	1.372	ng/ul#	92
49) Acenaphthene	14.58	153	219864	1.275	ng/ul	92
58) Fluorene	15.56	166	391772	1.815	ng/ul#	76
69) Phenanthrene	17.31	178	4116985	16.348	ng/ul	96
71) Anthracene	17.40	178	954376m	3.667	ng/ul	
72) Carbazole	17.67	167	461733	2.142	ng/ul#	54
74) Fluoranthene	19.34	202	5481658	19.210	ng/ul#	94
77) Pyrene	19.71	202	5508222	24.786	ng/ul#	93
80) Benzo(a)anthracene	21.42	228	2335571	9.981	ng/ul#	93
81) Bis(2-ethylhexyl)phthalate	21.35	149	4065137	30.517	ng/ul	98
82) Chrysene	21.47	228	2239902	10.766	ng/ul#	92
85) Benzo(b)fluoranthene	23.05	252	3236778	14.236	ng/ul#	93
86) Benzo(k)fluoranthene	23.09	252	1006965m	4.706	ng/ul	
88) Benzo(a)pyrene	23.64	252	2257348	10.413	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.10	276	1721515	6.748	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.10	278	468551	2.166	ng/ul#	82
91) Benzo(g,h,i)perylene	26.82	276	1334068	6.452	ng/ul#	90

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

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