

Data File : BM012303.D
Acq On : 19 Oct 2017 05:37
Operator : SJ/JU
Sample : I5747-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-34(0-1)-100617

Manual Integrations
APPROVED

Sohil
10/23/2017 3:49:57 PM

Quant Time: Oct 19 15:27:06 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	325413	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1413551	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	895287	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1989201	20.00	ng/ul	0.01
75) Chrysene-d12	21.37	240	1717214	20.00	ng/ul	0.01
83) Perylene-d12	23.69	264	1816248	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	15887	2.32	ng/uL	0.00
5) Phenol-d5	6.96	99	374580	14.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	296916	18.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	352251	15.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	342479	15.07	ng/ul	0.01
19) Nitrobenzene-d5	8.96	128	190977	17.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	194901	15.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	361821	15.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	346609	15.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1223948	15.47	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1572865	16.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	69151m	5.81	ng/ul	0.04
57) Fluorene-d10	15.43	176	1097366	16.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	27438	2.01	ng/ul	0.02
70) Anthracene-d10	17.29	188	1657728	16.85	ng/ul	0.01
76) Pyrene-d10	19.59	212	1577203	18.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	1448611	16.54	ng/ul	0.03

Target Compounds

					Qvalue	
6) Phenol	6.99	94	93461	3.424	ng/ul#	75
16) 4-Methylphenol	8.57	108	117910	5.212	ng/ul	90
24) 2,4-Dimethylphenol	9.80	107	450718m	16.546	ng/ul	
28) Naphthalene	10.63	128	504077	6.893	ng/ul#	95
34) 2-Methylnaphthalene	12.25	142	1032702	18.712	ng/ul	100
40) 1,1'-Biphenyl	13.27	154	115993	1.535	ng/ul	97
44) Dimethylphthalate	13.89	163	625505	7.890	ng/ul	99
47) Acenaphthylene	14.16	152	102075	1.085	ng/ul#	46
49) Acenaphthene	14.50	153	131236	2.071	ng/ul	91
58) Fluorene	15.49	166	202050	2.667	ng/ul#	95
69) Phenanthrene	17.23	178	1395461	12.332	ng/ul	96
71) Anthracene	17.33	178	264465m	2.257	ng/ul	
74) Fluoranthene	19.25	202	1367270	10.012	ng/ul#	94
77) Pyrene	19.62	202	1388838	12.246	ng/ul#	92
80) Benzo(a)anthracene	21.36	228	693251	6.204	ng/ul#	91
81) Bis(2-ethylhexyl)phthalate	21.26	149	228568	3.017	ng/ul	98
82) Chrysene	21.41	228	714954	6.815	ng/ul#	91
85) Benzo(b)fluoranthene	22.99	252	1085250	9.156	ng/ul#	85
86) Benzo(k)fluoranthene	23.03	252	363616m	3.183	ng/ul	
88) Benzo(a)pyrene	23.59	252	754133	6.751	ng/ul#	87
89) Indeno(1,2,3-cd)pyrene	26.03	276	669280	5.642	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.03	278	174334	1.748	ng/ul#	63
91) Benzo(g,h,i)perylene	26.76	276	679163	6.990	ng/ul#	92

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101817\
Quantitation Report (LSC Reviewed)

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

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