

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
 Data File : BM002023.D
 Acq On : 23 Jul 2015 19:12
 Operator : TP/UM
 Sample : G3000-18RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02J2RE

Manual Integrations
 APPROVED

apatel
 7/24/2015 4:49:15 PM

Quant Time: Jul 24 03:27:05 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 01:29:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	75408	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	283001	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	154029	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	328537	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	402448	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	401966	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	3239	2.10	ng/uL	0.00
5) Phenol-d5	6.79	99	86256	14.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	48687	14.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	73737	15.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	52988	10.48	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	37913	17.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	42921	18.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	79710	16.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	37723	7.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	226750	18.25	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	281965	18.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	34945	16.61	ng/ul	0.00
57) Fluorene-d10	15.27	176	196619	18.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	4532	2.13	ng/ul	0.00
70) Anthracene-d10	17.13	188	288799	18.73	ng/ul	0.00
78) Pyrene-d10	19.44	212	328886	17.89	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.31	264	321140	15.80	ng/ul	0.01

Target Compounds

					Qvalue
4) Benzaldehyde	6.76	77	4508	1.51 ng/ul#	82
6) Phenol	6.82	94	10120	1.59 ng/ul	94
14) Acetophenone	8.44	105	52867	6.62 ng/ul	95
28) Naphthalene	10.45	128	33250	2.33 ng/ul	98
34) 2-Methylnaphthalene	12.07	142	20671	1.94 ng/ul	98
44) Dimethylphthalate	13.74	163	196174	15.52 ng/ul	100
47) Acenaphthylene	14.00	152	16652	1.09 ng/ul#	80
49) Acenaphthene	14.34	153	17933	1.75 ng/ul	94
53) Dibenzofuran	14.68	168	23028	1.57 ng/ul	95
58) Fluorene	15.33	166	25462	2.07 ng/ul#	91
69) Phenanthrene	17.07	178	243303	13.67 ng/ul	97
71) Anthracene	17.16	178	59528m	3.24 ng/ul	
75) Di-n-butylphthalate	18.00	149	302321	15.83 ng/ul	97
76) Fluoranthene	19.10	202	405377	19.49 ng/ul	97
79) Pyrene	19.47	202	423781	17.60 ng/ul	99
82) Benzo(a)anthracene	21.22	228	189338	7.91 ng/ul#	89
83) Bis(2-ethylhexyl)phthalate	21.14	149	130767	9.74 ng/ul	94
84) Chrysene	21.27	228	248090	11.06 ng/ul#	92
87) Benzo(b)fluoranthene	22.79	252	361255	14.66 ng/ul#	85
88) Benzo(k)fluoranthene	22.82	252	104789m	4.42 ng/ul	
90) Benzo(a)pyrene	23.36	252	215805	9.32 ng/ul#	88
91) Indeno(1,2,3-cd)pyrene	25.68	276	180713	7.44 ng/ul	97
92) Dibenzo(a,h)anthracene	25.68	278	46901	2.28 ng/ul#	59

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(g,h,i)perylene	26.37	276	177869	8.91	ng/ul	96

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

