

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
 Data File : BM003129.D
 Acq On : 15 Nov 2015 13:11
 Operator : UM/IZ
 Sample : G4401-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC787

Manual Integrations
 APPROVED

mmdadoda
 11/16/2015 3:29:19 PM

Quant Time: Nov 16 02:58:59 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 16 02:34:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	102894	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	452416	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	251164	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	549724	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	594480	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	599959	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	8176	3.75	ng/uL	0.00
5) Phenol-d5	6.90	99	158055	19.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	89771	18.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	137897	20.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	133082	20.29	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	61542	22.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	66880	23.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	125620	20.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	184993	22.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	426058	22.55	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	473244	19.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	64652	20.30	ng/ul	0.00
58) Fluorene-d10	15.39	176	343574	21.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	40606	15.95	ng/ul	0.00
71) Anthracene-d10	17.23	188	521270	21.39	ng/ul	0.00
79) Pyrene-d10	19.53	212	546668	18.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	615379	21.58	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.93	94	8659	1.03	ng/ul#	86
45) Dimethylphthalate	13.85	163	434029	22.54	ng/ul	99
70) Phenanthrene	17.17	178	46561	1.50	ng/ul	98
77) Fluoranthene	19.20	202	167504	5.32	ng/ul	95
80) Pyrene	19.56	202	140517	3.61	ng/ul#	92
83) Benzo(a)anthracene	21.31	228	90057	2.76	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.24	149	21359	1.19	ng/ul	99
85) Chrysene	21.36	228	72121	2.23	ng/ul	97
88) Benzo(b)fluoranthene	22.91	252	82832	2.40	ng/ul	97
89) Benzo(k)fluoranthene	22.95	252	38872m	1.21	ng/ul	
91) Benzo(a)pyrene	23.49	252	75906m	2.32	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.86	276	39816	1.11	ng/ul#	90
94) Benzo(g,h,i)perylene	26.57	276	33179	1.02	ng/ul	93

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

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