

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\  
 Data File : BF077796.D  
 Acq On : 18 Mar 2015 12:15  
 Operator : TP/IZ  
 Sample : G1457-06  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

**Instrument :**  
 BNA\_F  
**Client Sampled :**  
 PT-ACIDS-WP

**Manual Integrations**  
**APPROVED**  
 mohammad  
 3/20/2015 1:48:03 PM

Quant Time: Mar 18 13:44:04 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 18 13:16:00 2015  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	42686	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	171597	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	82508	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	164148	20.00	ng	0.00
75) Chrysene-d12	16.03	240	169859	20.00	ng	-0.10
86) Perylene-d12	17.77	264	160587	20.00	ng	-0.33

**System Monitoring Compounds**

5) 2-Fluorophenol	5.45	112	424151	173.44	ng	0.01
7) Phenol-d6	6.73	99	531107	175.78	ng	0.00
23) Nitrobenzene-d5	7.86	82	309085	118.07	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	134686	170.61	ng	-0.01
44) 2-Fluorobiphenyl	10.09	172	679002	120.94	ng	0.00
78) Terphenyl-d14	14.74	244	762178m	109.61	ng	-0.02

**Target Compounds**

						Qvalue
8) 2-Chlorophenol	6.89	128	146159	50.21	ng	97
10) Phenol	6.75	94	394046	110.33	ng	# 67
17) 2-Methylphenol	7.49	107	225403	95.12	ng	99
20) 3+4-Methylphenols	7.69	107	188606	60.65	ng	88
26) 2-Nitrophenol	8.27	139	207182	150.06	ng	# 85
27) 2,4-Dimethylphenol	8.34	122	127192	50.57	ng	98
29) 2,4-Dichlorophenol	8.57	162	155902	65.02	ng	99
36) 4-Chloro-3-methylphenol	9.45	107	281651	116.75	ng	95
42) 2,4,6-Trichlorophenol	9.97	196	164376	96.43	ng	99
43) 2,4,5-Trichlorophenol	10.02	196	314358	170.70	ng	95
53) 2,4-Dinitrophenol	11.00	184	64730	132.97	ng	# 76
55) 4-Nitrophenol	11.09	139	162390	148.81	ng	93
64) 4,6-Dinitro-2-methylphenol	11.67	198	116343	140.97	ng	# 67
69) Pentachlorophenol	12.51	266	187708	182.10	ng	97

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

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