Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096757.D
Acq On : 14 Jul 2017 5:04
Operator : SJ/JU
Sample : I4172-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-P6-NSW

Manual Integrations APPROVED
mohammad
7/17/2017 8:12:33 AM

Quant Time: Jul 14 13:55:19 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	98257	20.00	ng		0.01
21) Naphthalene-d8	7.95	136	138148	20.00	ng		0.03
38) Acenaphthene-d10	9.73	164	97681	20.00	ng		0.06
63) Phenanthrene-d10	11.17	188	196382	20.00	ng		0.03
75) Chrysene-d12	13.79	240	186996	20.00	ng		0.01
86) Perylene-d12	15.17	264	121299	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	727007	111.25	ng		0.01
7) Phenol-d6	6.29	99	885505	112.92	ng		0.01
23) Nitrobenzene-d5	7.23	82	326960	146.60	ng		0.02
41) 2,4,6-Tribromophenol	10.50	330	76112	91.28	ng		0.05
44) 2-Fluorobiphenyl	9.04	172	418006	67.61	ng		0.04
78) Terphenyl-d14	12.74	244	517786	48.02	ng		0.01
Target Compounds							Qvalue
8) 2-Chlorophenol	6.43	128	20404	2.894	ng		85
11) bis(2-Chloroethyl)ether	6.39	93	49855	7.478	ng		90
12) 1,3-Dichlorobenzene	6.59	146	509499	67.990	ng		98
13) 1,4-Dichlorobenzene	6.67	146	1756180	231.413	ng		95
14) 1,2-Dichlorobenzene	6.85	146	3003288	435.098	ng		99
27) 2,4-Dimethylphenol	7.61	122	43166m	20.457	ng		
30) 1,2,4-Trichlorobenzene	7.93	180	278563	153.393	ng	#	90
31) Naphthalene	8.02	128	7923648m	1210.758	ng		
37) 2-Methylnaphthalene	8.75	142	8234398	1973.610	ng	#	95
45) 1,1'-Biphenyl	9.15	154	1312112	156.623	ng		97
49) Dimethylphthalate	9.47	163	19033	2.588	ng	#	49
51) Acenaphthene	9.77	154	454468	78.271	ng	#	80
54) Dibenzofuran	9.93	168	321299	39.488	ng	#	57
57) Fluorene	10.28	166	464064	77.181	ng	#	88
70) Phenanthrene	11.21	178	1178450	110.363	ng		99
71) Anthracene	11.25	178	294175m	27.248	ng		
72) Carbazole	11.40	167	39961	3.822	ng	#	54
74) Fluoranthene	12.37	202	259867	25.426	ng		99
77) Pyrene	12.59	202	334094	19.686	ng		98
80) Benzo(a)anthracene	13.77	228	70020	6.010	ng	#	92
82) Chrysene	13.81	228	69516	6.061	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.49	276	13724	4.572	ng		94
87) Benzo(b)fluoranthene	14.79	252	41248m	5.638	ng		
88) Benzo(k)fluoranthene	14.80	252	14906m	2.152	ng		
89) Benzo(a)pyrene	15.12	252	22791	3.397	ng	#	57
91) Benzo(g,h,i)perylene	16.87	276	13862	2.097	ng	#	86

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

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