Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096681.D
Acq On : 12 Jul 2017 9:19
Operator : SJ/JU
Sample : I4130-15MSD
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HS2-BASEMSD

Manual Integrations APPROVED
mohammad
7/12/2017 4:58:44 PM

Quant Time: Jul 12 16:04:57 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	80631	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	154287	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	70390	20.00	ng		0.01
63) Phenanthrene-d10	11.21	188	145820	20.00	ng		0.00
75) Chrysene-d12	13.83	240	168159	20.00	ng		-0.01
86) Perylene-d12	15.23	264	160263	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	417916	76.50	ng		0.00
7) Phenol-d6	6.34	99	563425	83.89	ng		0.00
23) Nitrobenzene-d5	7.26	82	303738	118.30	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	68337	124.29	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	383609	93.18	ng		0.00
78) Terphenyl-d14	12.79	244	400576	50.90	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	95132	36.725	ng	#	75
3) Pyridine	3.05	79	222024	31.239	ng	#	64
4) n-Nitrosodimethylamine	2.97	42	145119	41.367	ng		81
6) Aniline	6.36	93	154514	17.801	ng	#	48
8) 2-Chlorophenol	6.49	128	132439	22.734	ng		93
9) Benzaldehyde	6.25	77	96949	23.066	ng	#	78
10) Phenol	6.35	94	243868	31.874	ng		89
11) bis(2-Chloroethyl)ether	6.44	93	172386	29.155	ng	#	81
12) 1,3-Dichlorobenzene	6.65	146	174884	28.631	ng		97
13) 1,4-Dichlorobenzene	6.72	146	153795	25.190	ng	#	81
14) 1,2-Dichlorobenzene	6.87	146	99738	17.792	ng	#	15
15) Benzyl Alcohol	6.85	79	166738	37.141	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.99	45	256002	21.297	ng	#	49
17) 2-Methylphenol	6.96	107	142558	30.706	ng	#	65
18) Hexachloroethane	7.25	117	326618	147.563	ng	#	1
20) 3+4-Methylphenols	7.12	107	118316	22.848	ng	#	61
22) Acetophenone	7.11	105	160892	47.725	ng	#	67
24) Nitrobenzene	7.29	77	276350	102.597	ng	#	79
25) Isophorone	7.53	82	359207	72.155	ng	#	40
26) 2-Nitrophenol	7.60	139	38342	26.894	ng	#	1
27) 2,4-Dimethylphenol	7.65	122	93499	38.516	ng		82
28) bis(2-Chloroethoxy)methane	7.74	93	127397	38.767	ng	#	31
29) 2,4-Dichlorophenol	7.85	162	115668	55.226	ng		89
30) 1,2,4-Trichlorobenzene	7.94	180	97416	49.307	ng		96
31) Naphthalene	8.02	128	483855	66.429	ng	#	90
33) 4-Chloroaniline	8.06	127	100897m	33.350	ng		
34) Hexachlorobutadiene	8.14	225	55163	54.437	ng		97
35) Caprolactam	8.45	113	101124	140.016	ng	#	1
36) 4-Chloro-3-methylphenol	8.55	107	105435	45.495	ng	#	68
37) 2-Methylnaphthalene	8.72	142	1005570	216.882	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	63728	34.868	ng	#	91
40) Hexachlorocyclopentadiene	8.87	237	11743	13.214	ng		98
42) 2,4,6-Trichlorophenol	8.99	196	46610	32.237	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	38524	26.948	ng	#	1

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096681.D
Acq On : 12 Jul 2017 9:19
Operator : SJ/JU
Sample : I4130-15MSD
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HS2-BASEMSD

Manual Integrations APPROVED
mohammad
7/12/2017 4:58:44 PM

Quant Time: Jul 12 16:04:57 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.17	154	196239	32.538	ng		97
46) 2-Chloronaphthalene	9.19	162	153426	34.135	ng	#	87
47) 2-Nitroaniline	9.28	65	61763	37.765	ng		88
48) Acenaphthylene	9.61	152	272028	38.195	ng	#	83
49) Dimethylphthalate	9.46	163	276775	52.672	ng	#	96
50) 2,6-Dinitrotoluene	9.53	165	44742	38.504	ng	#	52
51) Acenaphthene	9.78	154	185557	42.268	ng		93
52) 3-Nitroaniline	9.68	138	56878	39.245	ng	#	92
53) 2,4-Dinitrophenol	9.82	184	6060	9.819	ng	#	1
54) Dibenzofuran	9.95	168	237867	41.040	ng	#	72
55) 4-Nitrophenol	9.85	139	95930	79.858	ng	#	57
56) 2,4-Dinitrotoluene	9.94	165	80610	54.781	ng	#	64
57) Fluorene	10.29	166	260486	63.634	ng	#	94
58) 2,3,4,6-Tetrachlorophenol	10.07	232	33924	34.299	ng	#	49
59) Diethylphthalate	10.16	149	166543	33.532	ng	#	95
60) 4-Chlorophenyl-phenylether	10.28	204	70581	39.629	ng	#	84
61) 4-Nitroaniline	10.29	138	41234	31.289	ng		86
62) Azobenzene	10.44	77	187930	39.131	ng	#	67
65) n-Nitrosodiphenylamine	10.39	169	369056	72.133	ng		94
66) 4-Bromophenyl-phenylether	10.76	248	47223	33.267	ng	#	79
67) Hexachlorobenzene	10.85	284	45439	29.242	ng	#	77
68) Atrazine	10.92	200	50377	34.465	ng		90
69) Pentachlorophenol	11.03	266	50050	54.346	ng		97
70) Phenanthrene	11.24	178	462223	58.638	ng		96
71) Anthracene	11.29	178	321091	39.973	ng		97
72) Carbazole	11.44	167	290687	35.983	ng		98
73) Di-n-butylphthalate	11.77	149	356977	36.483	ng		99
74) Fluoranthene	12.42	202	377911	48.898	ng		99
76) Benzidine	12.53	184	162328	20.118	ng	#	93
77) Pyrene	12.64	202	418673	31.018	ng		99
79) Butylbenzylphthalate	13.26	149	181449	26.556	ng	#	82
80) Benzo(a)anthracene	13.82	228	336377	34.543	ng		98
81) 3,3'-Dichlorobenzidine	13.79	252	106608	26.655	ng	#	96
82) Chrysene	13.86	228	342235	33.561	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	243719	31.955	ng		100
84) Di-n-octyl phthalate	14.43	149	496603	33.064	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.58	276	276178	34.310	ng		99
87) Benzo(b)fluoranthene	14.84	252	323150m	32.180	ng		
88) Benzo(k)fluoranthene	14.87	252	310829	34.603	ng		95
89) Benzo(a)pyrene	15.17	252	303609	33.864	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	233103	33.050	ng		97
91) Benzo(g,h,i)perylene	16.98	276	224729	30.748	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096681.D
Acq On : 12 Jul 2017 9:19
Operator : SJ/JU
Sample : I4130-15MSD
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Jul 12 16:04:57 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
E2-HS2-BASEMSD

Manual Integrations APPROVED
mohammad
7/12/2017 4:58:44 PM