Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084574.D
Acq On : 20 Jan 2016 19:41
Operator : SJ/UM
Sample : H1159-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

Manual Integrations APPROVED
mohammad
1/21/2016 12:20:03 PM

Quant Time: Jan 20 22:57:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	209264	20.00	ng		-0.05
21) Naphthalene-d8	8.06	136	854776	20.00	ng		-0.06
38) Acenaphthene-d10	9.82	164	417988	20.00	ng		-0.05
63) Phenanthrene-d10	11.31	188	789265	20.00	ng		-0.05
75) Chrysene-d12	13.95	240	583266	20.00	ng		-0.05
86) Perylene-d12	15.36	264	504057	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1574940	121.73	ng		-0.03
7) Phenol-d6	6.43	99	2054452	126.44	ng		-0.05
23) Nitrobenzene-d5	7.36	82	1454698	94.72	ng		-0.05
41) 2,4,6-Tribromophenol	10.62	330	610117	144.58	ng		-0.05
44) 2-Fluorobiphenyl	9.15	172	2183420	92.45	ng		-0.05
78) Terphenyl-d14	12.90	244	2454054	93.92	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	242198	39.52	ng	#	67
3) Pyridine	3.17	79	451517	26.42	ng	#	74
4) n-Nitrosodimethylamine	3.10	42	358510	40.87	ng		83
6) Aniline	6.46	93	171084	7.20	ng		97
8) 2-Chlorophenol	6.57	128	648572	44.18	ng		82
9) Benzaldehyde	6.33	77	62020	5.86	ng		89
10) Phenol	6.45	94	694594	37.60	ng		83
11) bis(2-Chloroethyl)ether	6.52	93	665082	46.47	ng	#	82
12) 1,3-Dichlorobenzene	6.72	146	665306m	43.94	ng		
13) 1,4-Dichlorobenzene	6.80	146	664913	43.79	ng		97
14) 1,2-Dichlorobenzene	6.96	146	656250	45.13	ng		97
15) Benzyl Alcohol	6.93	79	545111	39.88	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1049026	40.25	ng		92
17) 2-Methylphenol	7.06	107	537797	43.72	ng	#	91
18) Hexachloroethane	7.30	117	270720	44.59	ng	#	81
19) n-Nitroso-di-n-propylamine	7.21	70	466285	42.39	ng	#	76
20) 3+4-Methylphenols	7.21	107	672640	46.52	ng	#	76
22) Acetophenone	7.20	105	950388	46.24	ng		99
24) Nitrobenzene	7.37	77	637699	40.94	ng		94
25) Isophorone	7.62	82	1323315	45.05	ng	#	93
26) 2-Nitrophenol	7.69	139	380632	53.69	ng	#	88
27) 2,4-Dimethylphenol	7.73	122	614750	42.84	ng		94
28) bis(2-Chloroethoxy)methane	7.82	93	816784	45.52	ng		99
29) 2,4-Dichlorophenol	7.94	162	581497	48.65	ng		95
30) 1,2,4-Trichlorobenzene	8.01	180	582170	47.18	ng		94
31) Naphthalene	8.09	128	1960004	50.54	ng		99
32) Benzoic acid	7.87	122	416339	45.48	ng		95
33) 4-Chloroaniline	8.17	127	49017	2.76	ng		98
34) Hexachlorobutadiene	8.21	225	342171	48.24	ng		99
35) Caprolactam	8.53	113	166218m	41.25	ng		
36) 4-Chloro-3-methylphenol	8.65	107	654489	48.88	ng		99
37) 2-Methylnaphthalene	8.78	142	1411941	50.72	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	533550	44.40	ng		98
40) Hexachlorocyclopentadiene	8.93	237	569426	78.50	ng		97

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	406470	45.21	ng		95
43) 2,4,5-Trichlorophenol	9.12	196	373255	43.31	ng	#	81
45) 1,1'-Biphenyl	9.25	154	1674411	50.40	ng		99
46) 2-Chloronaphthalene	9.28	162	1256856	48.17	ng		91
47) 2-Nitroaniline	9.38	65	441814	51.30	ng		89
48) Acenaphthylene	9.69	152	1724341	44.73	ng		97
49) Dimethylphthalate	9.56	163	1379026	46.15	ng	#	90
50) 2,6-Dinitrotoluene	9.62	165	295521	45.09	ng	#	48
51) Acenaphthene	9.86	154	1155228	44.67	ng		97
52) 3-Nitroaniline	9.79	138	81387	10.02	ng	#	81
53) 2,4-Dinitrophenol	9.90	184	428538	150.23	ng	#	86
54) Dibenzofuran	10.04	168	1672697	50.29	ng		97
55) 4-Nitrophenol	9.97	139	449651	76.28	ng	#	80
56) 2,4-Dinitrotoluene	10.03	165	459632	55.41	ng	#	94
57) Fluorene	10.38	166	1316078	51.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	335044	45.53	ng		92
59) Diethylphthalate	10.27	149	1569582	53.27	ng		96
60) 4-Chlorophenyl-phenylether	10.37	204	626050	59.91	ng		97
61) 4-Nitroaniline	10.41	138	296351	40.94	ng		94
62) Azobenzene	10.53	77	1621445	50.18	ng		94
64) 4,6-Dinitro-2-methylphenol	10.44	198	274942	59.28	ng		73
65) n-Nitrosodiphenylamine	10.50	169	1275738	50.55	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	432715	50.94	ng		96
67) Hexachlorobenzene	10.92	284	412350	43.13	ng	#	83
68) Atrazine	11.02	200	368266	44.59	ng		98
69) Pentachlorophenol	11.13	266	501189	101.09	ng		99
70) Phenanthrene	11.35	178	2131339	51.63	ng		98
71) Anthracene	11.39	178	1940314	47.94	ng		97
72) Carbazole	11.55	167	1845497	46.65	ng		98
73) Di-n-butylphthalate	11.88	149	2094305	51.69	ng	#	96
74) Fluoranthene	12.52	202	1930922	44.77	ng		98
77) Pyrene	12.75	202	1972013	43.08	ng		97
79) Butylbenzylphthalate	13.38	149	948730	47.90	ng		90
80) Benzo(a)anthracene	13.94	228	1705288	49.79	ng		98
81) 3,3'-Dichlorobenzidine	13.91	252	324685	27.16	ng	#	94
82) Chrysene	13.99	228	1728038	52.51	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	1252378	50.05	ng	#	94
84) Di-n-octyl phthalate	14.56	149	2070780	49.02	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.73	276	1353173	51.87	ng		100
87) Benzo(b)fluoranthene	14.97	252	1661032m	50.38	ng		
88) Benzo(k)fluoranthene	14.99	252	1287423m	47.74	ng		
89) Benzo(a)pyrene	15.31	252	1398127	49.99	ng		98
90) Dibenzo(a,h)anthracene	16.75	278	1104892	45.91	ng	#	95
91) Benzo(g,h,i)perylene	17.14	276	1122875	45.06	ng		99

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

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