Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
Data File : BF088230.D
Acq On : 21 Jun 2016 23:39
Operator : UM/SJ
Sample : PB91462BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91462BS

Manual Integrations APPROVED
sohil
6/22/2016 6:07:46 PM

Quant Time: Jun 22 01:35:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 01:34:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	93526	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	381981	20.00	ng		0.00
38) Acenaphthene-d10	9.69	164	182982	20.00	ng		0.00
63) Phenanthrene-d10	11.17	188	325427	20.00	ng		0.00
75) Chrysene-d12	13.79	240	227009	20.00	ng		0.00
86) Perylene-d12	15.17	264	193964	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	614229	112.27	ng		0.01
7) Phenol-d6	6.32	99	797346	120.26	ng		0.01
23) Nitrobenzene-d5	7.22	82	485064	74.15	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	171441	88.73	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	863555	73.38	ng		0.00
78) Terphenyl-d14	12.75	244	841018	84.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	77922	29.31	ng	#	38
3) Pyridine	2.86	79	215775	34.38	ng		90
4) n-Nitrosodimethylamine	2.82	42	91924	34.58	ng	#	76
6) Aniline	6.32	93	160105	16.97	ng	#	19
8) 2-Chlorophenol	6.44	128	267201	41.26	ng		84
10) Phenol	6.33	94	300646	43.85	ng		98
11) bis(2-Chloroethyl)ether	6.40	93	253514	43.61	ng		87
12) 1,3-Dichlorobenzene	6.59	146	271134m	39.03	ng		
13) 1,4-Dichlorobenzene	6.67	146	277232	39.61	ng		96
14) 1,2-Dichlorobenzene	6.82	146	251008m	39.44	ng		
15) Benzyl Alcohol	6.81	79	179149	34.54	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.95	45	268113	34.13	ng		76
17) 2-Methylphenol	6.94	107	216087	41.15	ng		96
18) Hexachloroethane	7.16	117	101408	40.83	ng		94
19) n-Nitroso-di-n-propylamine	7.08	70	169172	39.88	ng	#	82
20) 3+4-Methylphenols	7.08	107	273436	44.63	ng	#	88
22) Acetophenone	7.07	105	347377	40.69	ng	#	98
24) Nitrobenzene	7.24	77	269558	42.54	ng		94
25) Isophorone	7.48	82	475000	39.20	ng		98
26) 2-Nitrophenol	7.56	139	152176	44.83	ng	#	76
27) 2,4-Dimethylphenol	7.61	122	235967	37.76	ng		93
28) bis(2-Chloroethoxy)methane	7.70	93	320015	42.58	ng	#	97
29) 2,4-Dichlorophenol	7.80	162	212876	40.80	ng		98
30) 1,2,4-Trichlorobenzene	7.88	180	229228	40.34	ng		99
31) Naphthalene	7.96	128	763677	40.40	ng		98
32) Benzoic acid	7.77	122	121161	35.21	ng		95
33) 4-Chloroaniline	8.02	127	103401	12.25	ng	#	93
34) Hexachlorobutadiene	8.08	225	121467	40.54	ng		98
35) Caprolactam	8.40	113	72555m	41.98	ng		
36) 4-Chloro-3-methylphenol	8.52	107	241641	43.30	ng		92
37) 2-Methylnaphthalene	8.65	142	508065	40.78	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	212078	44.29	ng	#	1
40) Hexachlorocyclopentadiene	8.80	237	112296	38.05	ng		100
42) 2,4,6-Trichlorophenol	8.94	196	134588	36.78	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	139610	36.67	ng		98
45) 1,1'-Biphenyl	9.12	154	617712	44.97	ng		96
46) 2-Chloronaphthalene	9.14	162	482074	40.71	ng		94
47) 2-Nitroaniline	9.24	65	136490	39.08	ng	#	84
48) Acenaphthylene	9.55	152	737110	39.14	ng		99
49) Dimethylphthalate	9.43	163	533181	40.23	ng		100
50) 2,6-Dinitrotoluene	9.48	165	118933	39.18	ng	#	55
51) Acenaphthene	9.72	154	448812	38.20	ng		99
52) 3-Nitroaniline	9.66	138	66538	19.00	ng		91
53) 2,4-Dinitrophenol	9.77	184	96242	61.66	ng		98
54) Dibenzofuran	9.90	168	605755	37.44	ng	#	91
55) 4-Nitrophenol	9.85	139	152846	56.22	ng	#	77
56) 2,4-Dinitrotoluene	9.90	165	145551	37.31	ng	#	56
57) Fluorene	10.24	166	510759	46.92	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	119753	40.03	ng	#	56
59) Diethylphthalate	10.12	149	518250	38.63	ng		99
60) 4-Chlorophenyl-phenylether	10.23	204	191894	35.66	ng		92
61) 4-Nitroaniline	10.27	138	123842	37.27	ng		97
62) Azobenzene	10.39	77	512198	38.60	ng		95
64) 4,6-Dinitro-2-methylphenol	10.31	198	84911	42.07	ng	#	68
65) n-Nitrosodiphenylamine	10.35	169	427112	39.55	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	145339	41.63	ng		99
67) Hexachlorobenzene	10.78	284	143969	39.69	ng	#	89
68) Atrazine	10.89	200	129606	39.64	ng		96
69) Pentachlorophenol	10.98	266	112366	58.76	ng		97
70) Phenanthrene	11.19	178	681858	39.93	ng		100
71) Anthracene	11.25	178	728378	42.29	ng		99
72) Carbazole	11.41	167	685970	42.56	ng		100
73) Di-n-butylphthalate	11.74	149	779912	38.22	ng		100
74) Fluoranthene	12.38	202	739442	41.03	ng		97
76) Benzidine	12.50	184	240153	38.21	ng		98
77) Pyrene	12.61	202	735376	43.65	ng		99
79) Butylbenzylphthalate	13.22	149	329004	44.18	ng	#	84
80) Benzo(a)anthracene	13.78	228	536084	41.44	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	109847	31.58	ng	#	94
82) Chrysene	13.83	228	590878	48.55	ng		98
83) Bis(2-ethylhexyl)phthalate	13.78	149	389057	42.91	ng		99
84) Di-n-octyl phthalate	14.40	149	752098	51.05	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.46	276	466087	41.22	ng	#	100
87) Benzo(b)fluoranthene	14.79	252	469471m	34.73	ng		
88) Benzo(k)fluoranthene	14.82	252	505958m	49.61	ng		
89) Benzo(a)pyrene	15.12	252	464003	42.42	ng	#	94
90) Dibenzo(a,h)anthracene	16.46	278	390438	38.43	ng		99
91) Benzo(g,h,i)perylene	16.83	276	410480	39.28	ng		99

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

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