Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
Data File : BF081648.D
Acq On : 16 Sep 2015 14:20
Operator : UM/IZ
Sample : PB85464BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85464BSD

Quant Time: Sep 17 05:05:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	45632	20.00	ng		-0.03
21) Naphthalene-d8	11.09	136	182491	20.00	ng		-0.03
38) Acenaphthene-d10	15.22	164	88997	20.00	ng		-0.03
63) Phenanthrene-d10	18.73	188	184905	20.00	ng		-0.02
75) Chrysene-d12	23.36	240	148937	20.00	ng		-0.02
86) Perylene-d12	24.79	264	99178	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	338729	115.17	ng		0.01
7) Phenol-d6	7.62	99	467141	119.99	ng		-0.02
23) Nitrobenzene-d5	9.50	82	310340	82.05	ng		-0.03
41) 2,4,6-Tribromophenol	17.13	330	100375	126.67	ng		-0.03
44) 2-Fluorobiphenyl	13.74	172	546913	78.75	ng		-0.03
78) Terphenyl-d14	22.09	244	578556	90.43	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.62	88	37249m	28.20	ng		
3) Pyridine	2.14	79	110178	30.25	ng	#	81
4) n-Nitrosodimethylamine	2.10	42	86655	42.83	ng	#	59
6) Aniline	7.49	93	136592	24.85	ng	#	82
8) 2-Chlorophenol	7.74	128	125153	38.62	ng	#	75
9) Benzaldehyde	7.21	77	58972	24.18	ng	#	75
10) Phenol	7.65	94	161520	35.78	ng	#	56
11) bis(2-Chloroethyl)ether	7.73	93	126794	38.93	ng	#	75
12) 1,3-Dichlorobenzene	8.05	146	124632	35.99	ng	#	90
13) 1,4-Dichlorobenzene	8.23	146	126204	35.79	ng	#	90
14) 1,2-Dichlorobenzene	8.55	146	122155	38.48	ng	#	91
15) Benzyl Alcohol	8.63	79	126972	39.76	ng	#	70
16) 2,2'-oxybis(1-Chloropropan	8.95	45	274258	43.93	ng		89
17) 2-Methylphenol	8.97	107	101355	39.19	ng	#	79
18) Hexachloroethane	9.28	117	51968	37.89	ng	#	87
19) n-Nitroso-di-n-propylamine	9.26	70	104449	39.42	ng	#	91
20) 3+4-Methylphenols	9.35	107	134343	38.53	ng		84
22) Acetophenone	9.18	105	189616	38.04	ng	#	73
24) Nitrobenzene	9.53	77	155148	39.50	ng	#	64
25) Isophorone	10.13	82	271562	38.60	ng	#	85
26) 2-Nitrophenol	10.26	139	61313	35.81	ng	#	23
27) 2,4-Dimethylphenol	10.54	122	112662	38.10	ng	#	73
28) bis(2-Chloroethoxy)methane	10.72	93	159071	39.14	ng	#	91
29) 2,4-Dichlorophenol	10.88	162	100156	39.06	ng		94
30) 1,2,4-Trichlorobenzene	10.99	180	107657	38.65	ng		94
31) Naphthalene	11.13	128	368780	37.89	ng		98
32) Benzoic acid	11.04	122	61242	30.02	ng	#	53
33) 4-Chloroaniline	11.37	127	85424	21.52	ng	#	81
34) Hexachlorobutadiene	11.50	225	69002	40.70	ng		98
35) Caprolactam	12.30	113	32439m	41.25	ng		
36) 4-Chloro-3-methylphenol	12.70	107	125541	43.74	ng	#	75
37) 2-Methylnaphthalene	12.79	142	247716	39.11	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	13.20	216	107548	38.21	ng		97
40) Hexachlorocyclopentadiene	13.18	237	107441	77.78	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.54	196	72368	37.26	ng		98
43) 2,4,5-Trichlorophenol	13.66	196	76492	38.60	ng	#	90
45) 1,1'-Biphenyl	13.94	154	300743	36.73	ng		96
46) 2-Chloronaphthalene	13.92	162	223051	37.72	ng	#	87
47) 2-Nitroaniline	14.28	65	96354	39.98	ng	#	62
48) Acenaphthylene	14.88	152	388454	37.03	ng		97
49) Dimethylphthalate	14.81	163	276018	39.92	ng	#	97
50) 2,6-Dinitrotoluene	14.92	165	57633	36.72	ng	#	46
51) Acenaphthene	15.30	154	221603	37.13	ng		91
52) 3-Nitroaniline	15.27	138	43192	24.18	ng	#	51
53) 2,4-Dinitrophenol	15.57	184	60418	75.80	ng	#	26
54) Dibenzofuran	15.73	168	344215	39.50	ng	#	85
55) 4-Nitrophenol	15.89	139	83127	74.06	ng	#	1
56) 2,4-Dinitrotoluene	15.86	165	80013	40.04	ng	#	49
57) Fluorene	16.54	166	274848	41.56	ng		95
58) 2,3,4,6-Tetrachlorophenol	16.09	232	61313	40.53	ng		89
59) Diethylphthalate	16.52	149	310684	42.72	ng		95
60) 4-Chlorophenyl-phenylether	16.63	204	132057	42.85	ng	#	85
61) 4-Nitroaniline	16.74	138	57740	31.99	ng	#	23
62) Azobenzene	17.00	77	342568	42.36	ng		82
64) 4,6-Dinitro-2-methylphenol	16.84	198	40445	39.11	ng		86
65) n-Nitrosodiphenylamine	16.95	169	239256	35.56	ng		92
66) 4-Bromophenyl-phenylether	17.77	248	74058	39.61	ng	#	89
67) Hexachlorobenzene	17.83	284	76971	39.37	ng	#	89
68) Atrazine	18.36	200	88155	45.28	ng	#	79
69) Pentachlorophenol	18.37	266	69917	74.18	ng		99
70) Phenanthrene	18.79	178	399143	38.83	ng		97
71) Anthracene	18.90	178	403274	38.18	ng		98
72) Carbazole	19.38	167	371125	37.45	ng		97
73) Di-n-butylphthalate	20.44	149	503369	43.01	ng	#	98
74) Fluoranthene	21.41	202	440890	39.62	ng		88
76) Benzidine	21.72	184	189405	29.62	ng		96
77) Pyrene	21.75	202	448488	40.65	ng		98
79) Butylbenzylphthalate	22.78	149	206739	43.09	ng	#	71
80) Benzo(a)anthracene	23.35	228	377084	39.76	ng		96
81) 3,3'-Dichlorobenzidine	23.36	252	87400	27.32	ng	#	93
82) Chrysene	23.40	228	356334	41.91	ng		96
83) Bis(2-ethylhexyl)phthalate	23.48	149	297828	47.04	ng	#	91
84) Di-n-octyl phthalate	24.13	149	442053	42.40	ng		95
85) Indeno(1,2,3-cd)pyrene	25.84	276	223109	35.77	ng	#	84
87) Benzo(b)fluoranthene	24.46	252	290783m	41.07	ng		
88) Benzo(k)fluoranthene	24.48	252	240120m	40.87	ng		
89) Benzo(a)pyrene	24.74	252	248783	41.46	ng	#	88
90) Dibenzo(a,h)anthracene	25.85	278	188212	40.60	ng	#	76
91) Benzo(g,h,i)perylene	26.14	276	178635	40.37	ng	#	73

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

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