Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
Data File : BF091458.D
Acq On : 6 Dec 2016 15:02
Operator : UM/SJ
Sample : PB95080BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95080BSD

Quant Time: Dec 07 00:35:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 07 00:12:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	143795	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	631949	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	346336	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	659958	20.00	ng		0.00
75) Chrysene-d12	13.99	240	354799	20.00	ng		0.00
86) Perylene-d12	15.41	264	365108	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	956170	108.63	ng		0.01
7) Phenol-d6	6.48	99	1263881	116.64	ng		0.01
23) Nitrobenzene-d5	7.41	82	906090	80.35	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	343861	104.87	ng		0.01
44) 2-Fluorobiphenyl	9.20	172	1666758	87.14	ng		0.00
78) Terphenyl-d14	12.95	244	1764579	108.10	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	125873	31.61	ng	#	82
3) Pyridine	3.24	79	347726	30.86	ng	#	82
4) n-Nitrosodimethylamine	3.19	42	236884	40.06	ng		98
6) Aniline	6.50	93	355678	24.71	ng	#	77
8) 2-Chlorophenol	6.63	128	407712	42.25	ng		90
9) Benzaldehyde	6.38	77	127751	18.33	ng		97
10) Phenol	6.49	94	470069	36.87	ng		90
11) bis(2-Chloroethyl)ether	6.58	93	399577	43.86	ng		95
12) 1,3-Dichlorobenzene	6.78	146	401665m	37.42	ng		
13) 1,4-Dichlorobenzene	6.86	146	447317	41.89	ng		98
14) 1,2-Dichlorobenzene	7.02	146	415133m	41.74	ng		
15) Benzyl Alcohol	6.98	79	370893	42.77	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	833755	42.56	ng		71
17) 2-Methylphenol	7.10	107	338090	44.32	ng	#	75
18) Hexachloroethane	7.35	117	158220	41.73	ng	#	83
19) n-Nitroso-di-n-propylamine	7.26	70	311876	45.69	ng	#	96
20) 3+4-Methylphenols	7.26	107	446175	47.91	ng	#	66
22) Acetophenone	7.26	105	606238	40.47	ng	#	83
24) Nitrobenzene	7.43	77	483495	41.88	ng	#	82
25) Isophorone	7.67	82	782204	39.15	ng		98
26) 2-Nitrophenol	7.74	139	187892	35.71	ng		99
27) 2,4-Dimethylphenol	7.78	122	353590	35.92	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	453152	37.68	ng		100
29) 2,4-Dichlorophenol	7.99	162	354377	40.93	ng		90
30) 1,2,4-Trichlorobenzene	8.07	180	400886	41.30	ng		96
31) Naphthalene	8.15	128	1262948	42.05	ng		100
32) Benzoic acid	7.90	122	172494	23.78	ng		93
33) 4-Chloroaniline	8.20	127	183631	14.30	ng		99
34) Hexachlorobutadiene	8.28	225	237878	39.85	ng		98
35) Caprolactam	8.57	113	107068	43.02	ng		92
36) 4-Chloro-3-methylphenol	8.69	107	385818	41.27	ng		92
37) 2-Methylnaphthalene	8.84	142	740821	36.31	ng		93
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	396371	40.60	ng		98
40) Hexachlorocyclopentadiene	9.00	237	313482	69.27	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	265602m	41.86	ng		
43) 2,4,5-Trichlorophenol	9.17	196	244247m	38.41	ng		
45) 1,1'-Biphenyl	9.30	154	995323	39.97	ng		97
46) 2-Chloronaphthalene	9.33	162	729139	39.31	ng		99
47) 2-Nitroaniline	9.42	65	259953	39.02	ng	#	73
48) Acenaphthylene	9.74	152	1100513	37.69	ng		99
49) Dimethylphthalate	9.61	163	879813	41.95	ng		98
50) 2,6-Dinitrotoluene	9.67	165	218818	46.68	ng	#	70
51) Acenaphthene	9.91	154	708475	35.98	ng		97
52) 3-Nitroaniline	9.83	138	119617	22.05	ng		86
53) 2,4-Dinitrophenol	9.93	184	48753	23.79	ng		93
54) Dibenzofuran	10.08	168	991997	37.62	ng		98
55) 4-Nitrophenol	10.00	139	213329	54.44	ng	#	66
56) 2,4-Dinitrotoluene	10.07	165	289877	47.68	ng	#	84
57) Fluorene	10.42	166	781100	38.59	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	207149	38.15	ng		95
59) Diethylphthalate	10.31	149	927933	44.83	ng		95
60) 4-Chlorophenyl-phenylether	10.42	204	434696	42.82	ng		97
61) 4-Nitroaniline	10.45	138	189314	37.16	ng		86
62) Azobenzene	10.58	77	967455	45.80	ng		98
64) 4,6-Dinitro-2-methylphenol	10.47	198	53790	14.79	ng	#	75
65) n-Nitrosodiphenylamine	10.54	169	722076	36.09	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	263471	37.14	ng	#	70
67) Hexachlorobenzene	10.97	284	274417	35.80	ng	#	84
68) Atrazine	11.06	200	234331	36.16	ng		98
69) Pentachlorophenol	11.17	266	199479	44.21	ng		94
70) Phenanthrene	11.38	178	1237002	36.07	ng		100
71) Anthracene	11.44	178	1425443	41.88	ng		99
72) Carbazole	11.59	167	1115697	36.13	ng		99
73) Di-n-butylphthalate	11.93	149	1439592	41.13	ng		99
74) Fluoranthene	12.57	202	1379313	42.46	ng		96
76) Benzidine	12.69	184	123240	11.83	ng		96
77) Pyrene	12.80	202	1294961	48.09	ng		99
79) Butylbenzylphthalate	13.42	149	449738	44.61	ng		94
80) Benzo(a)anthracene	13.98	228	821939	39.61	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	163482	22.37	ng		100
82) Chrysene	14.01	228	846437	41.23	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	611797	47.87	ng		98
84) Di-n-octyl phthalate	14.60	149	1051007	54.35	ng		95
85) Indeno(1,2,3-cd)pyrene	16.80	276	829474	44.12	ng	#	93
87) Benzo(b)fluoranthene	15.01	252	946931	41.73	ng	#	97
88) Benzo(k)fluoranthene	15.04	252	898950m	47.11	ng		
89) Benzo(a)pyrene	15.35	252	884755	43.41	ng		97
90) Dibenzo(a,h)anthracene	16.83	278	700663	37.17	ng	#	91
91) Benzo(g,h,i)perylene	17.23	276	672283	34.59	ng	#	93

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

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