Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089117.D
Acq On : 19 Jul 2016 14:43
Operator : UM/SJ
Sample : PB92230BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB92230BSD

Quant Time: Jul 20 03:13:34 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 15:28:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	54653	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	212665	20.00	ng		0.00
38) Acenaphthene-d10	9.66	164	93443	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	161456	20.00	ng		0.00
75) Chrysene-d12	13.76	240	90105	20.00	ng		0.00
86) Perylene-d12	15.11	264	96743	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	267304	73.30	ng		0.01
7) Phenol-d6	6.28	99	346259	73.48	ng		0.00
23) Nitrobenzene-d5	7.20	82	346908	85.48	ng		0.00
41) 2,4,6-Tribromophenol	10.44	330	57448	66.21	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	602551	101.86	ng		0.00
78) Terphenyl-d14	12.72	244	387864	95.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	49377	27.31	ng	#	25
3) Pyridine	2.78	79	151488	28.88	ng		98
4) n-Nitrosodimethylamine	2.75	42	68530	34.19	ng		96
6) Aniline	6.28	93	111843	16.29	ng	#	52
8) 2-Chlorophenol	6.41	128	149449	38.13	ng		99
9) Benzaldehyde	6.16	77	34531	10.82	ng		86
10) Phenol	6.30	94	174633	32.47	ng		74
11) bis(2-Chloroethyl)ether	6.36	93	137258	34.23	ng		91
12) 1,3-Dichlorobenzene	6.56	146	148252m	34.37	ng		
13) 1,4-Dichlorobenzene	6.64	146	155493	36.32	ng		95
14) 1,2-Dichlorobenzene	6.80	146	154525	38.56	ng		96
15) Benzyl Alcohol	6.78	79	135504	39.07	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.91	45	164928	28.40	ng	#	21
17) 2-Methylphenol	6.90	107	121037	37.86	ng	#	91
18) Hexachloroethane	7.13	117	55313	33.40	ng	#	81
19) n-Nitroso-di-n-propylamine	7.05	70	113014	35.71	ng		95
20) 3+4-Methylphenols	7.06	107	158897	41.41	ng	#	78
22) Acetophenone	7.04	105	224739	43.54	ng	#	92
24) Nitrobenzene	7.21	77	153435	37.50	ng	#	79
25) Isophorone	7.46	82	304254	40.47	ng		99
26) 2-Nitrophenol	7.53	139	72365	43.13	ng	#	94
27) 2,4-Dimethylphenol	7.59	122	140788	40.29	ng		88
28) bis(2-Chloroethoxy)methane	7.68	93	199515	40.79	ng	#	96
29) 2,4-Dichlorophenol	7.78	162	127081	45.00	ng		99
30) 1,2,4-Trichlorobenzene	7.86	180	133986	43.23	ng		96
31) Naphthalene	7.93	128	406609	38.78	ng		100
32) Benzoic acid	7.74	122	82564	32.54	ng		86
33) 4-Chloroaniline	7.99	127	65688	14.08	ng		97
34) Hexachlorobutadiene	8.06	225	72289	43.56	ng		99
35) Caprolactam	8.36	113	39112m	40.78	ng		
36) 4-Chloro-3-methylphenol	8.49	107	133285	39.91	ng		92
37) 2-Methylnaphthalene	8.63	142	307603	45.57	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	111401	35.84	ng	#	1
40) Hexachlorocyclopentadiene	8.78	237	28620	18.76	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	85162	41.56	ng		100
43) 2,4,5-Trichlorophenol	8.96	196	85413	48.45	ng	#	92
45) 1,1'-Biphenyl	9.08	154	324321	41.91	ng		99
46) 2-Chloronaphthalene	9.11	162	244115	40.19	ng		96
47) 2-Nitroaniline	9.21	65	83929	38.93	ng		98
48) Acenaphthylene	9.52	152	373766	38.67	ng		99
49) Dimethylphthalate	9.40	163	309464	46.49	ng		97
50) 2,6-Dinitrotoluene	9.46	165	71785	48.65	ng		98
51) Acenaphthene	9.69	154	223789	37.77	ng		98
52) 3-Nitroaniline	9.62	138	42586	22.71	ng		90
53) 2,4-Dinitrophenol	9.74	184	32975	50.62	ng	#	88
54) Dibenzofuran	9.86	168	327578	42.24	ng	#	85
55) 4-Nitrophenol	9.80	139	72794	51.07	ng		83
56) 2,4-Dinitrotoluene	9.86	165	90420	46.87	ng	#	48
57) Fluorene	10.20	166	265594	44.44	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	57676	42.28	ng	#	46
59) Diethylphthalate	10.09	149	291334	43.61	ng		97
60) 4-Chlorophenyl-phenylether	10.20	204	134654	48.50	ng		94
61) 4-Nitroaniline	10.23	138	50019	27.71	ng		79
62) Azobenzene	10.36	77	337150	44.24	ng		91
64) 4,6-Dinitro-2-methylphenol	10.26	198	23026	26.66	ng	#	73
65) n-Nitrosodiphenylamine	10.32	169	223731	40.94	ng		98
66) 4-Bromophenyl-phenylether	10.68	248	68824	42.30	ng	#	77
67) Hexachlorobenzene	10.75	284	71815	39.87	ng	#	89
68) Atrazine	10.86	200	73530	43.18	ng		92
69) Pentachlorophenol	10.95	266	55565	52.13	ng		97
70) Phenanthrene	11.15	178	335659	38.03	ng		99
71) Anthracene	11.21	178	398031	45.36	ng		98
72) Carbazole	11.37	167	345824	41.87	ng		98
73) Di-n-butylphthalate	11.71	149	452571	47.11	ng		97
74) Fluoranthene	12.33	202	292323	32.67	ng		97
76) Benzidine	12.47	184	158282	34.75	ng		97
77) Pyrene	12.56	202	300653	39.35	ng		99
79) Butylbenzylphthalate	13.19	149	142403	41.79	ng	#	73
80) Benzo(a)anthracene	13.75	228	246611	42.50	ng		98
81) 3,3'-Dichlorobenzidine	13.71	252	81065	37.16	ng	#	98
82) Chrysene	13.78	228	246864	43.01	ng		97
83) Bis(2-ethylhexyl)phthalate	13.76	149	207980	53.46	ng	#	99
84) Di-n-octyl phthalate	14.37	149	349472	52.87	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.34	276	196481	44.49	ng	#	100
87) Benzo(b)fluoranthene	14.74	252	244041m	40.21	ng		
88) Benzo(k)fluoranthene	14.77	252	202604m	38.35	ng		
89) Benzo(a)pyrene	15.05	252	214491	41.74	ng		98
90) Dibenzo(a,h)anthracene	16.35	278	170258	39.68	ng		97
91) Benzo(g,h,i)perylene	16.72	276	152872	34.43	ng		96

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

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