Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075591.D
Acq On : 16 Nov 2014 20:40
Operator : TP / JJ
Sample : PB80336BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB80336BSD

Manual Integrations APPROVED
mohammad
11/17/2014 7:39:57 PM

Quant Time: Nov 17 07:11:56 2014
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 17 05:54:27 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	38625	20.00	ng		0.00
21) Naphthalene-d8	9.13	136	202227	20.00	ng		0.00
38) Acenaphthene-d10	11.32	164	83343	20.00	ng		0.00
63) Phenanthrene-d10	13.17	188	185719	20.00	ng		0.00
75) Chrysene-d12	16.46	240	194727	20.00	ng		-0.01
86) Perylene-d12	18.19	264	148894	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	199338	91.17	ng		0.00
7) Phenol-d6	7.11	99	250941	95.44	ng		0.00
23) Nitrobenzene-d5	8.24	82	269566	97.73	ng		0.00
41) 2,4,6-Tribromophenol	12.30	330	82388	118.02	ng		0.00
44) 2-Fluorobiphenyl	10.48	172	487551	105.71	ng		0.00
78) Terphenyl-d14	15.16	244	650435	89.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	27073	29.50	ng		94
3) Pyridine	3.27	79	69230m	28.07	ng		
4) n-Nitrosodimethylamine	3.19	42	47026	36.02	ng		98
6) Aniline	7.13	93	74650	19.66	ng	#	88
8) 2-Chlorophenol	7.28	128	112048	44.28	ng		87
9) Benzaldehyde	7.00	77	54582	30.86	ng		99
10) Phenol	7.12	94	135795	42.34	ng		93
11) bis(2-Chloroethyl)ether	7.24	93	114865	47.28	ng		86
12) 1,3-Dichlorobenzene	7.48	146	119471	43.32	ng		96
13) 1,4-Dichlorobenzene	7.58	146	122834	43.79	ng		94
14) 1,2-Dichlorobenzene	7.76	146	120210	45.70	ng		94
15) Benzyl Alcohol	7.73	79	94278	45.68	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.91	45	248703	49.45	ng		97
17) 2-Methylphenol	7.88	107	99781	47.63	ng		97
18) Hexachloroethane	8.18	117	54378	56.53	ng	#	74
19) n-Nitroso-di-n-propylamine	8.06	70	93785	52.35	ng		97
20) 3+4-Methylphenols	8.06	107	151139	55.10	ng	#	76
22) Acetophenone	8.06	105	178108	40.83	ng	#	91
24) Nitrobenzene	8.26	77	145916	45.65	ng		93
25) Isophorone	8.56	82	276776	43.95	ng		95
26) 2-Nitrophenol	8.66	139	74208	50.95	ng	#	76
27) 2,4-Dimethylphenol	8.72	122	134476	47.64	ng		97
28) bis(2-Chloroethoxy)methane	8.84	93	181323	47.25	ng		97
29) 2,4-Dichlorophenol	8.96	162	119057	48.14	ng		98
30) 1,2,4-Trichlorobenzene	9.06	180	119257	45.92	ng		94
31) Naphthalene	9.16	128	433695	48.10	ng		100
32) Benzoic acid	8.81	122	72673	42.61	ng		99
33) 4-Chloroaniline	9.22	127	91448	23.34	ng	#	94
34) Hexachlorobutadiene	9.32	225	58273	41.52	ng		97
35) Caprolactam	9.66	113	32569	39.74	ng	#	77
36) 4-Chloro-3-methylphenol	9.83	107	106317	39.18	ng		93
37) 2-Methylnaphthalene	10.02	142	265367	43.14	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.23	216	80965	47.26	ng		97
40) Hexachlorocyclopentadiene	10.21	237	101292	97.33	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.37	196	70519	51.76	ng		96
43) 2,4,5-Trichlorophenol	10.41	196	76062	53.61	ng	#	82
45) 1,1'-Biphenyl	10.61	154	280566	49.91	ng		94
46) 2-Chloronaphthalene	10.63	162	264100	60.08	ng		92
47) 2-Nitroaniline	10.76	65	82000	62.00	ng	#	62
48) Acenaphthylene	11.14	152	365041	50.37	ng		99
49) Dimethylphthalate	10.98	163	253450	44.49	ng		100
50) 2,6-Dinitrotoluene	11.06	165	56647	50.48	ng	#	59
51) Acenaphthene	11.36	154	209770	47.95	ng		98
52) 3-Nitroaniline	11.26	138	41679	31.50	ng	#	98
53) 2,4-Dinitrophenol	11.40	184	49992	79.66	ng	#	72
54) Dibenzofuran	11.57	168	314312	50.27	ng		99
55) 4-Nitrophenol	11.48	139	111460	105.38	ng	#	82
56) 2,4-Dinitrotoluene	11.56	165	77929	52.86	ng	#	79
57) Fluorene	12.00	166	309956	61.30	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.73	232	57005	50.62	ng	#	97
59) Diethylphthalate	11.87	149	305482	51.67	ng		98
60) 4-Chlorophenyl-phenylether	12.00	204	130024	59.81	ng		96
61) 4-Nitroaniline	12.03	138	88552	66.94	ng	#	77
62) Azobenzene	12.20	77	305424	58.72	ng		94
64) 4,6-Dinitro-2-methylphenol	12.06	198	44321	47.18	ng	#	75
65) n-Nitrosodiphenylamine	12.15	169	283294	48.22	ng		99
66) 4-Bromophenyl-phenylether	12.61	248	85183	48.75	ng	#	78
67) Hexachlorobenzene	12.68	284	100697	50.75	ng		95
68) Atrazine	12.81	200	78896	43.28	ng		97
69) Pentachlorophenol	12.93	266	93297	74.91	ng		97
70) Phenanthrene	13.19	178	497823	50.93	ng		99
71) Anthracene	13.26	178	492217	48.72	ng		100
72) Carbazole	13.47	167	491761	49.75	ng		99
73) Di-n-butylphthalate	13.90	149	591418	43.31	ng		100
74) Fluoranthene	14.68	202	525874	50.23	ng		95
76) Benzidine	14.85	184	192133	31.03	ng		99
77) Pyrene	14.96	202	563887	49.81	ng		99
79) Butylbenzylphthalate	15.77	149	278981	43.88	ng		95
80) Benzo(a)anthracene	16.45	228	489030	47.80	ng		99
81) 3,3'-Dichlorobenzidine	16.41	252	106260	28.13	ng	#	97
82) Chrysene	16.49	228	478003	54.03	ng		99
83) Bis(2-ethylhexyl)phthalate	16.48	149	404069	40.35	ng		100
84) Di-n-octyl phthalate	17.26	149	639099	36.25	ng		97
85) Indeno(1,2,3-cd)pyrene	19.75	276	553094m	51.53	ng		
87) Benzo(b)fluoranthene	17.73	252	391723	49.21	ng	#	95
88) Benzo(k)fluoranthene	17.76	252	378767m	53.02	ng		
89) Benzo(a)pyrene	18.12	252	372534	52.30	ng		98
90) Dibenzo(a,h)anthracene	19.77	278	488515	65.67	ng	#	95
91) Benzo(g,h,i)perylene	20.22	276	467876	66.02	ng		98

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

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