Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
Data File : BF080133.D
Acq On : 24 Jun 2015 15:43
Operator : TP/IZ
Sample : PB84172BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB84172BS

Quant Time: Jun 25 01:09:00 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 00:52:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	36770	20.00	ng		0.00
21) Naphthalene-d8	8.61	136	139039	20.00	ng		0.00
38) Acenaphthene-d10	10.38	164	72368	20.00	ng		0.00
63) Phenanthrene-d10	11.89	188	143070	20.00	ng		0.00
75) Chrysene-d12	14.95	240	144043	20.00	ng		0.02
86) Perylene-d12	16.88	264	139771	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.92	112	275883	132.81	ng		0.00
7) Phenol-d6	6.92	99	374226	135.39	ng		0.00
23) Nitrobenzene-d5	7.86	82	205224	85.93	ng		-0.01
41) 2,4,6-Tribromophenol	11.17	330	91259	128.96	ng		0.00
44) 2-Fluorobiphenyl	9.68	172	457873	90.23	ng		0.00
78) Terphenyl-d14	13.63	244	513096	83.19	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	31284	31.69	ng		92
3) Pyridine	4.01	79	112351	42.79	ng	#	83
4) n-Nitrosodimethylamine	3.92	42	52053	41.71	ng		97
6) Aniline	6.97	93	113464	29.84	ng		99
8) 2-Chlorophenol	7.10	128	100478	41.85	ng		98
9) Benzaldehyde	6.86	77	57279	35.90	ng	#	82
10) Phenol	6.93	94	144724	47.98	ng		76
11) bis(2-Chloroethyl)ether	7.03	93	106034	44.31	ng		95
12) 1,3-Dichlorobenzene	7.26	146	118967	41.25	ng	#	96
13) 1,4-Dichlorobenzene	7.33	146	111970m	40.82	ng		
14) 1,2-Dichlorobenzene	7.49	146	116212	43.54	ng		95
15) Benzyl Alcohol	7.44	79	89024	39.39	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	7.58	45	155641	43.81	ng		88
17) 2-Methylphenol	7.54	107	88567	43.19	ng	#	87
18) Hexachloroethane	7.83	117	35157	38.50	ng		89
19) n-Nitroso-di-n-propylamine	7.70	70	80189	41.78	ng	#	77
20) 3+4-Methylphenols	7.69	107	113482	42.88	ng		90
22) Acetophenone	7.72	105	139356	43.01	ng	#	81
24) Nitrobenzene	7.89	77	116392	47.22	ng	#	68
25) Isophorone	8.13	82	198112	41.22	ng	#	94
26) 2-Nitrophenol	8.21	139	46829	45.39	ng	#	48
27) 2,4-Dimethylphenol	8.23	122	96632	44.91	ng	#	79
28) bis(2-Chloroethoxy)methane	8.33	93	118620	42.00	ng	#	94
29) 2,4-Dichlorophenol	8.45	162	90004	48.85	ng		96
30) 1,2,4-Trichlorobenzene	8.54	180	88930	42.50	ng		96
31) Naphthalene	8.63	128	294838	40.56	ng		99
32) Benzoic acid	8.29	122	21553m	16.57	ng		
33) 4-Chloroaniline	8.66	127	74209m	23.85	ng		
34) Hexachlorobutadiene	8.74	225	59251	45.99	ng		97
35) Caprolactam	9.00	113	24200	40.46	ng	#	70
36) 4-Chloro-3-methylphenol	9.13	107	96327	46.35	ng	#	85
37) 2-Methylnaphthalene	9.32	142	197325	41.96	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.49	216	91161	43.29	ng		99
40) Hexachlorocyclopentadiene	9.48	237	80881	75.05	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.59	196	56873	39.69	ng		100
43) 2,4,5-Trichlorophenol	9.64	196	66175	40.08	ng	#	94
45) 1,1'-Biphenyl	9.78	154	257594	43.75	ng		95
46) 2-Chloronaphthalene	9.82	162	192079	40.21	ng		99
47) 2-Nitroaniline	9.90	65	58185	44.37	ng	#	80
48) Acenaphthylene	10.24	152	308741	38.72	ng		98
49) Dimethylphthalate	10.07	163	241643	44.41	ng	#	98
50) 2,6-Dinitrotoluene	10.14	165	48028	44.03	ng		93
51) Acenaphthene	10.41	154	203275	41.67	ng		98
52) 3-Nitroaniline	10.31	138	38088	30.27	ng	#	88
53) 2,4-Dinitrophenol	10.41	184	39311	87.93	ng	#	1
54) Dibenzofuran	10.58	168	286596	41.40	ng		94
55) 4-Nitrophenol	10.45	139	75909	75.46	ng	#	32
56) 2,4-Dinitrotoluene	10.54	165	59061	42.67	ng	#	52
57) Fluorene	10.93	166	234685	42.73	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.70	232	56149	40.29	ng		94
59) Diethylphthalate	10.78	149	237504	43.35	ng		97
60) 4-Chlorophenyl-phenylether	10.92	204	109489	41.48	ng		91
61) 4-Nitroaniline	10.92	138	46345	35.66	ng	#	32
62) Azobenzene	11.08	77	219221	39.31	ng		94
64) 4,6-Dinitro-2-methylphenol	10.96	198	27071	40.13	ng	#	64
65) n-Nitrosodiphenylamine	11.03	169	186665	40.07	ng		93
66) 4-Bromophenyl-phenylether	11.41	248	64105	42.14	ng	#	91
67) Hexachlorobenzene	11.49	284	67867	40.14	ng	#	77
68) Atrazine	11.54	200	58799	39.95	ng		82
69) Pentachlorophenol	11.68	266	74706	77.98	ng		98
70) Phenanthrene	11.91	178	333692	38.52	ng		97
71) Anthracene	11.97	178	350898	42.07	ng		98
72) Carbazole	12.12	167	293791	36.90	ng		95
73) Di-n-butylphthalate	12.46	149	382192	41.54	ng	#	99
74) Fluoranthene	13.20	202	355721	38.56	ng		94
76) Benzidine	13.33	184	210838	52.36	ng		98
77) Pyrene	13.48	202	386600	43.59	ng		97
79) Butylbenzylphthalate	14.20	149	161502	45.35	ng		92
80) Benzo(a)anthracene	14.94	228	354660	40.42	ng		97
81) 3,3'-Dichlorobenzidine	14.88	252	77453	25.59	ng	#	92
82) Chrysene	14.99	228	328621	40.61	ng		94
83) Bis(2-ethylhexyl)phthalate	14.92	149	239934	42.63	ng	#	92
84) Di-n-octyl phthalate	15.76	149	408707	42.37	ng		95
85) Indeno(1,2,3-cd)pyrene	18.73	276	354605	34.75	ng	#	88
87) Benzo(b)fluoranthene	16.33	252	335761	39.68	ng	#	88
88) Benzo(k)fluoranthene	16.37	252	327009	37.95	ng	#	90
89) Benzo(a)pyrene	16.80	252	319518	39.76	ng	#	86
90) Dibenzo(a,h)anthracene	18.76	278	294147	35.76	ng	#	81
91) Benzo(g,h,i)perylene	19.28	276	300538	36.19	ng	#	78

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

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