Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF079995.D
Acq On : 16 Jun 2015 17:26
Operator : TP/IZ
Sample : PB84048BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84048BS

Manual Integrations APPROVED
apatel
6/17/2015 5:12:16 PM

Quant Time: Jun 17 02:51:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 15:44:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	46246	20.00	ng		0.00
21) Naphthalene-d8	8.64	136	190575	20.00	ng		0.00
38) Acenaphthene-d10	10.41	164	97689	20.00	ng		0.00
63) Phenanthrene-d10	11.92	188	197849	20.00	ng		0.00
75) Chrysene-d12	14.91	240	217108	20.00	ng		0.00
86) Perylene-d12	16.81	264	204334	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.97	112	348430	138.15	ng		0.01
7) Phenol-d6	6.95	99	459902	133.85	ng		0.00
23) Nitrobenzene-d5	7.91	82	276017	95.56	ng		0.00
41) 2,4,6-Tribromophenol	11.21	330	123772	125.89	ng		0.00
44) 2-Fluorobiphenyl	9.72	172	563378	80.75	ng		0.00
78) Terphenyl-d14	13.61	244	730731	77.60	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	41570	36.23	ng		99
3) Pyridine	4.07	79	113548	38.62	ng		99
4) n-Nitrosodimethylamine	3.98	42	60593	41.82	ng	#	96
6) Aniline	7.01	93	146778	29.52	ng		99
8) 2-Chlorophenol	7.13	128	134578	43.90	ng		96
9) Benzaldehyde	6.89	77	76773	38.87	ng		98
10) Phenol	6.96	94	152167	40.27	ng		84
11) bis(2-Chloroethyl)ether	7.06	93	118959	39.12	ng		90
12) 1,3-Dichlorobenzene	7.29	146	145175	40.60	ng		98
13) 1,4-Dichlorobenzene	7.37	146	147794	39.79	ng		97
14) 1,2-Dichlorobenzene	7.52	146	132726	40.23	ng		97
15) Benzyl Alcohol	7.48	79	124867	45.32	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.61	45	182324	40.48	ng		99
17) 2-Methylphenol	7.58	107	107943	40.31	ng		96
18) Hexachloroethane	7.88	117	49384	42.94	ng		95
19) n-Nitroso-di-n-propylamine	7.74	70	91619	37.32	ng		94
20) 3+4-Methylphenols	7.73	107	146141	42.70	ng		97
22) Acetophenone	7.75	105	195424	43.42	ng	#	95
24) Nitrobenzene	7.92	77	129817	42.25	ng		96
25) Isophorone	8.16	82	261291	38.87	ng		97
26) 2-Nitrophenol	8.25	139	51509	47.71	ng		95
27) 2,4-Dimethylphenol	8.26	122	119223	39.58	ng		95
28) bis(2-Chloroethoxy)methane	8.37	93	176088	44.12	ng		99
29) 2,4-Dichlorophenol	8.49	162	108247	42.90	ng		86
30) 1,2,4-Trichlorobenzene	8.58	180	119862	37.38	ng		99
31) Naphthalene	8.66	128	405017	38.88	ng		100
32) Benzoic acid	8.32	122	48583m	42.49	ng		
33) 4-Chloroaniline	8.70	127	94265	23.31	ng		97
34) Hexachlorobutadiene	8.79	225	67175	37.73	ng		98
35) Caprolactam	9.03	113	32219	40.37	ng	#	61
36) 4-Chloro-3-methylphenol	9.17	107	121106	42.02	ng		90
37) 2-Methylnaphthalene	9.36	142	289679	41.16	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	121792	37.23	ng		98
40) Hexachlorocyclopentadiene	9.52	237	123272	83.16	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.64	196	82125	40.74	ng		99
43) 2,4,5-Trichlorophenol	9.67	196	92450	41.54	ng		98
45) 1,1'-Biphenyl	9.82	154	313549	39.66	ng		98
46) 2-Chloronaphthalene	9.85	162	262347	38.98	ng		100
47) 2-Nitroaniline	9.93	65	68422	47.38	ng		97
48) Acenaphthylene	10.28	152	439321	38.66	ng		99
49) Dimethylphthalate	10.10	163	293006	37.44	ng		100
50) 2,6-Dinitrotoluene	10.17	165	62837	44.19	ng		98
51) Acenaphthene	10.45	154	266635	41.29	ng		96
52) 3-Nitroaniline	10.34	138	51790	30.88	ng		93
53) 2,4-Dinitrophenol	10.45	184	34682	98.41	ng	#	1
54) Dibenzofuran	10.62	168	382712	40.56	ng		100
55) 4-Nitrophenol	10.49	139	102332	81.86	ng	#	63
56) 2,4-Dinitrotoluene	10.58	165	77411	41.56	ng		97
57) Fluorene	10.96	166	293701	35.71	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.73	232	78379	46.47	ng		99
59) Diethylphthalate	10.81	149	315106	40.27	ng		100
60) 4-Chlorophenyl-phenylether	10.95	204	144548	39.35	ng		96
61) 4-Nitroaniline	10.96	138	70580	39.31	ng		94
62) Azobenzene	11.11	77	305332	40.55	ng		97
64) 4,6-Dinitro-2-methylphenol	11.00	198	32521	67.03	ng		92
65) n-Nitrosodiphenylamine	11.06	169	271244	42.47	ng		100
66) 4-Bromophenyl-phenylether	11.45	248	82878	37.38	ng	#	90
67) Hexachlorobenzene	11.53	284	90880	37.58	ng	#	84
68) Atrazine	11.58	200	75618	38.47	ng		92
69) Pentachlorophenol	11.72	266	101097	88.26	ng		97
70) Phenanthrene	11.94	178	468941	39.77	ng		100
71) Anthracene	12.00	178	475658	41.69	ng		99
72) Carbazole	12.15	167	427602	38.64	ng		99
73) Di-n-butylphthalate	12.48	149	447183	37.09	ng		99
74) Fluoranthene	13.21	202	494922	37.97	ng		96
76) Benzidine	13.33	184	325666	54.17	ng		99
77) Pyrene	13.46	202	510754	37.46	ng		99
79) Butylbenzylphthalate	14.16	149	203274	44.15	ng	#	84
80) Benzo(a)anthracene	14.89	228	512751	37.19	ng		100
81) 3,3'-Dichlorobenzidine	14.84	252	134801	30.58	ng	#	98
82) Chrysene	14.94	228	459920	37.52	ng		99
83) Bis(2-ethylhexyl)phthalate	14.86	149	305398	41.44	ng	#	94
84) Di-n-octyl phthalate	15.69	149	495545	41.23	ng		99
85) Indeno(1,2,3-cd)pyrene	18.69	276	525802	36.42	ng		98
87) Benzo(b)fluoranthene	16.27	252	504549	40.30	ng		98
88) Benzo(k)fluoranthene	16.30	252	461065	36.11	ng		98
89) Benzo(a)pyrene	16.73	252	476848	40.05	ng		98
90) Dibenzo(a,h)anthracene	18.71	278	437751	37.40	ng		98
91) Benzo(g,h,i)perylene	19.26	276	450166	37.17	ng		97

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

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