Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080056.D
Acq On : 19 Jun 2015 14:05
Operator : TP/IZ
Sample : PB84099BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84099BS

Manual Integrations APPROVED
apatel
6/22/2015 2:40:08 PM

Quant Time: Jun 19 23:43:56 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	39754	20.00	ng		0.00
21) Naphthalene-d8	8.62	136	162953	20.00	ng		-0.01
38) Acenaphthene-d10	10.39	164	87605	20.00	ng		-0.01
63) Phenanthrene-d10	11.92	188	184360	20.00	ng		0.01
75) Chrysene-d12	15.05	240	210976	20.00	ng		0.19
86) Perylene-d12	17.03	264	201644	20.00	ng		0.29
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	335524	149.40	ng		0.00
7) Phenol-d6	6.94	99	439969	147.22	ng		0.00
23) Nitrobenzene-d5	7.89	82	272752	97.44	ng		-0.01
41) 2,4,6-Tribromophenol	11.19	330	125228	146.18	ng		-0.01
44) 2-Fluorobiphenyl	9.70	172	539683	87.85	ng		0.00
78) Terphenyl-d14	13.69	244	726605	80.43	ng		0.10
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	34784	32.59	ng		84
3) Pyridine	4.04	79	124267	43.77	ng	#	83
4) n-Nitrosodimethylamine	3.94	42	56862	42.15	ng		94
6) Aniline	6.98	93	109051	26.52	ng		92
8) 2-Chlorophenol	7.11	128	114340	44.05	ng		82
9) Benzaldehyde	6.88	77	66264	38.41	ng		89
10) Phenol	6.95	94	151784	46.54	ng		84
11) bis(2-Chloroethyl)ether	7.05	93	108774	42.04	ng		85
12) 1,3-Dichlorobenzene	7.28	146	123652	39.66	ng		98
13) 1,4-Dichlorobenzene	7.35	146	137669m	46.42	ng		
14) 1,2-Dichlorobenzene	7.51	146	122128	42.32	ng		98
15) Benzyl Alcohol	7.45	79	101477	41.53	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	7.60	45	188271	49.02	ng		84
17) 2-Methylphenol	7.57	107	89696	40.46	ng	#	91
18) Hexachloroethane	7.85	117	43187	43.74	ng		91
19) n-Nitroso-di-n-propylamine	7.73	70	90367	43.55	ng	#	76
20) 3+4-Methylphenols	7.72	107	132095	46.17	ng		93
22) Acetophenone	7.73	105	159063	41.89	ng	#	80
24) Nitrobenzene	7.91	77	125737	43.52	ng	#	76
25) Isophorone	8.14	82	225457	40.02	ng	#	81
26) 2-Nitrophenol	8.23	139	60707	50.20	ng	#	72
27) 2,4-Dimethylphenol	8.25	122	120817	47.91	ng	#	84
28) bis(2-Chloroethoxy)methane	8.34	93	142157	42.95	ng	#	93
29) 2,4-Dichlorophenol	8.47	162	113018	52.34	ng		99
30) 1,2,4-Trichlorobenzene	8.56	180	116418	47.47	ng		99
31) Naphthalene	8.64	128	336954m	39.55	ng		
32) Benzoic acid	8.31	122	54176	35.53	ng	#	60
33) 4-Chloroaniline	8.68	127	69624m	19.10	ng		
34) Hexachlorobutadiene	8.77	225	66085	43.76	ng		99
35) Caprolactam	9.02	113	32205	45.95	ng		87
36) 4-Chloro-3-methylphenol	9.16	107	104717	42.99	ng		97
37) 2-Methylnaphthalene	9.34	142	247768	44.96	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	116809	45.82	ng		99
40) Hexachlorocyclopentadiene	9.50	237	119328	90.11	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.61	196	80306	46.30	ng		97
43) 2,4,5-Trichlorophenol	9.65	196	79575	39.82	ng	#	84
45) 1,1'-Biphenyl	9.81	154	307106	43.09	ng		95
46) 2-Chloronaphthalene	9.83	162	223972	38.73	ng	#	92
47) 2-Nitroaniline	9.92	65	65626	41.34	ng		96
48) Acenaphthylene	10.25	152	382772	39.65	ng		97
49) Dimethylphthalate	10.09	163	293616	44.58	ng	#	97
50) 2,6-Dinitrotoluene	10.15	165	56562	42.84	ng	#	37
51) Acenaphthene	10.42	154	253460	42.92	ng		92
52) 3-Nitroaniline	10.32	138	40069	26.30	ng	#	42
53) 2,4-Dinitrophenol	10.44	184	59907	109.18	ng	#	1
54) Dibenzofuran	10.60	168	343924	41.04	ng	#	85
55) 4-Nitrophenol	10.47	139	110791	90.99	ng	#	50
56) 2,4-Dinitrotoluene	10.56	165	84720	50.56	ng	#	82
57) Fluorene	10.95	166	298886	44.95	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.72	232	69935	41.45	ng		97
59) Diethylphthalate	10.79	149	268896	40.55	ng		95
60) 4-Chlorophenyl-phenylether	10.93	204	133556	41.80	ng	#	81
61) 4-Nitroaniline	10.94	138	61958	39.38	ng	#	42
62) Azobenzene	11.10	77	271241	40.18	ng		95
64) 4,6-Dinitro-2-methylphenol	10.97	198	38125	42.83	ng		84
65) n-Nitrosodiphenylamine	11.04	169	238398	39.71	ng		92
66) 4-Bromophenyl-phenylether	11.43	248	82035	41.85	ng	#	88
67) Hexachlorobenzene	11.52	284	87695	40.25	ng	#	76
68) Atrazine	11.57	200	72805	38.39	ng		82
69) Pentachlorophenol	11.70	266	97007	78.58	ng		97
70) Phenanthrene	11.94	178	455259	40.79	ng		96
71) Anthracene	12.00	178	461830	42.97	ng		98
72) Carbazole	12.15	167	395038	38.50	ng		96
73) Di-n-butylphthalate	12.49	149	481937	40.65	ng	#	98
74) Fluoranthene	13.26	202	479834	40.37	ng		91
76) Benzidine	13.38	184	290044	49.18	ng	#	97
77) Pyrene	13.53	202	520243	40.05	ng		97
79) Butylbenzylphthalate	14.28	149	220486	42.27	ng		89
80) Benzo(a)anthracene	15.04	228	499987	38.90	ng		97
81) 3,3'-Dichlorobenzidine	14.99	252	151693	34.22	ng	#	93
82) Chrysene	15.09	228	457040	38.56	ng		94
83) Bis(2-ethylhexyl)phthalate	15.02	149	328518	39.85	ng	#	91
84) Di-n-octyl phthalate	15.90	149	551964	39.07	ng		96
85) Indeno(1,2,3-cd)pyrene	18.91	276	531410	35.56	ng	#	89
87) Benzo(b)fluoranthene	16.48	252	533852	43.73	ng	#	87
88) Benzo(k)fluoranthene	16.52	252	426816	34.33	ng	#	89
89) Benzo(a)pyrene	16.95	252	475284	40.99	ng	#	87
90) Dibenzo(a,h)anthracene	18.94	278	451707	38.06	ng	#	80
91) Benzo(g,h,i)perylene	19.48	276	453605	37.86	ng	#	76

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

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