Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081051.D
Acq On : 18 Aug 2015 19:47
Operator : UM/IZ
Sample : PB84967BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84967BS

Manual Integrations APPROVED
apatel
8/19/2015 4:45:09 PM

Quant Time: Aug 19 01:26:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	53588	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	217903	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	101633	20.00	ng		-0.02
63) Phenanthrene-d10	11.11	188	216713	20.00	ng		-0.02
75) Chrysene-d12	13.74	240	184290	20.00	ng		-0.01
86) Perylene-d12	15.07	264	168603	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	256743	72.06	ng		-0.01
7) Phenol-d6	6.25	99	345481	74.32	ng		-0.01
23) Nitrobenzene-d5	7.18	82	314047	65.84	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	65250	74.06	ng		-0.02
44) 2-Fluorobiphenyl	8.97	172	507263	65.40	ng		-0.02
78) Terphenyl-d14	12.70	244	639198	74.36	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	49183	29.30	ng		94
3) Pyridine	2.71	79	127959	27.00	ng	#	82
4) n-Nitrosodimethylamine	2.65	42	87455	33.15	ng	#	79
6) Aniline	6.26	93	171102	25.31	ng	#	39
8) 2-Chlorophenol	6.39	128	149563	38.35	ng		95
9) Benzaldehyde	6.15	77	85083	28.39	ng		89
10) Phenol	6.26	94	172510	31.42	ng	#	76
11) bis(2-Chloroethyl)ether	6.35	93	159431	37.85	ng		98
12) 1,3-Dichlorobenzene	6.55	146	147124	35.11	ng		94
13) 1,4-Dichlorobenzene	6.63	146	148135	35.70	ng		97
14) 1,2-Dichlorobenzene	6.78	146	141107	36.34	ng		98
15) Benzyl Alcohol	6.76	79	147749	39.28	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	6.90	45	300707	36.33	ng		100
17) 2-Methylphenol	6.88	107	116907	34.94	ng		96
18) Hexachloroethane	7.12	117	60220	35.92	ng		95
19) n-Nitroso-di-n-propylamine	7.04	70	123752	38.43	ng		89
20) 3+4-Methylphenols	7.04	107	161088	37.93	ng	#	46
22) Acetophenone	7.03	105	214512	37.50	ng	#	89
24) Nitrobenzene	7.20	77	187680	37.63	ng		94
25) Isophorone	7.44	82	303259	34.09	ng		98
26) 2-Nitrophenol	7.52	139	76959	37.10	ng	#	60
27) 2,4-Dimethylphenol	7.56	122	135795	37.01	ng		93
28) bis(2-Chloroethoxy)methane	7.66	93	176076	33.51	ng		99
29) 2,4-Dichlorophenol	7.76	162	124823	40.41	ng		92
30) 1,2,4-Trichlorobenzene	7.84	180	122288	35.62	ng		99
31) Naphthalene	7.92	128	437399	36.01	ng		99
32) Benzoic acid	7.70	122	103440	50.12	ng	#	82
33) 4-Chloroaniline	7.96	127	86279	16.83	ng		99
34) Hexachlorobutadiene	8.04	225	70192	36.15	ng		97
35) Caprolactam	8.34	113	44200m	40.94	ng		
36) 4-Chloro-3-methylphenol	8.47	107	143762	39.05	ng	#	84
37) 2-Methylnaphthalene	8.60	142	276836	36.08	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	120507	36.75	ng		98
40) Hexachlorocyclopentadiene	8.76	237	139699	82.31	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	88948	38.40	ng		99
43) 2,4,5-Trichlorophenol	8.92	196	90045	38.89	ng	#	89
45) 1,1'-Biphenyl	9.07	154	369130	41.23	ng		99
46) 2-Chloronaphthalene	9.08	162	248094	34.50	ng	#	89
47) 2-Nitroaniline	9.19	65	98164	33.35	ng		98
48) Acenaphthylene	9.50	152	402587	31.29	ng		98
49) Dimethylphthalate	9.38	163	335892	40.13	ng		100
50) 2,6-Dinitrotoluene	9.44	165	75200	41.85	ng		99
51) Acenaphthene	9.67	154	260025	33.76	ng		98
52) 3-Nitroaniline	9.60	138	57421	25.53	ng		94
53) 2,4-Dinitrophenol	9.71	184	95773	92.15	ng	#	50
54) Dibenzofuran	9.85	168	367009	35.56	ng		96
55) 4-Nitrophenol	9.77	139	116009	73.45	ng	#	84
56) 2,4-Dinitrotoluene	9.84	165	102474	43.02	ng		88
57) Fluorene	10.18	166	276639	34.84	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	73579m	41.06	ng		
59) Diethylphthalate	10.08	149	369852	41.75	ng		96
60) 4-Chlorophenyl-phenylether	10.18	204	134897	40.15	ng		98
61) 4-Nitroaniline	10.22	138	89570	38.97	ng		82
62) Azobenzene	10.34	77	423655	41.50	ng		95
64) 4,6-Dinitro-2-methylphenol	10.24	198	50963	39.38	ng		89
65) n-Nitrosodiphenylamine	10.31	169	279231	36.10	ng		98
66) 4-Bromophenyl-phenylether	10.67	248	77566	36.43	ng		96
67) Hexachlorobenzene	10.73	284	83272	38.62	ng	#	91
68) Atrazine	10.83	200	80354	37.28	ng		97
69) Pentachlorophenol	10.92	266	102518	79.25	ng		100
70) Phenanthrene	11.13	178	416352	32.42	ng		99
71) Anthracene	11.19	178	480602	38.45	ng		98
72) Carbazole	11.35	167	490374	40.75	ng		99
73) Di-n-butylphthalate	11.69	149	612063	42.04	ng		99
74) Fluoranthene	12.31	202	478654	34.54	ng		92
76) Benzidine	12.44	184	298688	42.90	ng		98
77) Pyrene	12.54	202	508150	33.92	ng		99
79) Butylbenzylphthalate	13.18	149	290067	45.04	ng	#	85
80) Benzo(a)anthracene	13.73	228	479007	38.76	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	102670	25.65	ng		99
82) Chrysene	13.76	228	465286	41.77	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	392880	47.63	ng	#	98
84) Di-n-octyl phthalate	14.34	149	657089	52.41	ng		100
85) Indeno(1,2,3-cd)pyrene	16.30	276	378950	48.46	ng	#	93
87) Benzo(b)fluoranthene	14.72	252	505771m	42.41	ng		
88) Benzo(k)fluoranthene	14.74	252	316517m	28.48	ng		
89) Benzo(a)pyrene	15.03	252	412397	39.69	ng		98
90) Dibenzo(a,h)anthracene	16.31	278	324793	40.11	ng	#	93
91) Benzo(g,h,i)perylene	16.66	276	303215	36.91	ng	#	91

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

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