Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087483.D
Acq On : 28 May 2016 17:06
Operator : UM/SJ
Sample : PB90944BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90944BS

Manual Integrations APPROVED
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5/31/2016 7:03:56 PM

Quant Time: May 30 03:32:09 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 30 03:25:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	116454	20.00	ng		-0.01
21) Naphthalene-d8	9.50	136	488979	20.00	ng		-0.01
38) Acenaphthene-d10	12.33	164	229414	20.00	ng		0.00
63) Phenanthrene-d10	14.73	188	446144	20.00	ng		0.00
75) Chrysene-d12	18.43	240	352393	20.00	ng		0.00
86) Perylene-d12	20.10	264	227616	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	840162	126.77	ng		0.02
7) Phenol-d6	7.03	99	1053160	117.60	ng		-0.01
23) Nitrobenzene-d5	8.39	82	721815	74.40	ng		-0.01
41) 2,4,6-Tribromophenol	13.62	330	252139	114.37	ng		-0.01
44) 2-Fluorobiphenyl	11.28	172	1200496	73.77	ng		-0.01
78) Terphenyl-d14	17.09	244	1157295	69.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	92956	26.58	ng	#	64
3) Pyridine	2.43	79	245154	32.07	ng	#	64
4) n-Nitrosodimethylamine	2.40	42	217209	36.87	ng	#	41
6) Aniline	6.97	93	252336	21.78	ng		93
8) 2-Chlorophenol	7.15	128	307064	37.15	ng		94
9) Benzaldehyde	6.82	77	36668	7.42	ng		98
10) Phenol	7.04	94	387688	39.65	ng		77
11) bis(2-Chloroethyl)ether	7.11	93	287714	36.35	ng		85
12) 1,3-Dichlorobenzene	7.36	146	312954m	34.72	ng		
13) 1,4-Dichlorobenzene	7.50	146	323174	34.92	ng		96
14) 1,2-Dichlorobenzene	7.72	146	308057	35.99	ng		99
15) Benzyl Alcohol	7.77	79	266146	40.76	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.96	45	583334	32.76	ng		88
17) 2-Methylphenol	7.99	107	254236	38.38	ng	#	90
18) Hexachloroethane	8.24	117	123451	35.76	ng		92
19) n-Nitroso-di-n-propylamine	8.18	70	249503	37.36	ng	#	69
20) 3+4-Methylphenols	8.25	107	325640	40.67	ng	#	61
22) Acetophenone	8.16	105	440826	37.74	ng	#	96
24) Nitrobenzene	8.41	77	363122	35.46	ng		98
25) Isophorone	8.81	82	617485	35.49	ng		98
26) 2-Nitrophenol	8.92	139	159366	38.07	ng	#	79
27) 2,4-Dimethylphenol	9.06	122	270456	37.22	ng		86
28) bis(2-Chloroethoxy)methane	9.19	93	372379	37.99	ng	#	97
29) 2,4-Dichlorophenol	9.34	162	254840	38.91	ng		97
30) 1,2,4-Trichlorobenzene	9.43	180	267295	35.65	ng		97
31) Naphthalene	9.53	128	891054	36.37	ng		99
32) Benzoic acid	9.39	122	106657	30.87	ng	#	76
33) 4-Chloroaniline	9.69	127	137496	15.24	ng	#	94
34) Hexachlorobutadiene	9.75	225	156347	34.31	ng		98
35) Caprolactam	10.31	113	77041m	40.30	ng		
36) 4-Chloro-3-methylphenol	10.55	107	294274	39.74	ng		89
37) 2-Methylnaphthalene	10.66	142	578549	37.80	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	252983	34.45	ng		99
40) Hexachlorocyclopentadiene	10.90	237	151671	53.71	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.16	196	151450	35.73	ng		94
43) 2,4,5-Trichlorophenol	11.24	196	153224	35.50	ng	#	85
45) 1,1'-Biphenyl	11.43	154	720086	37.28	ng		98
46) 2-Chloronaphthalene	11.44	162	526499	35.63	ng		93
47) 2-Nitroaniline	11.67	65	221563	41.62	ng		87
48) Acenaphthylene	12.10	152	861445	36.82	ng		99
49) Dimethylphthalate	11.99	163	658573	35.84	ng		99
50) 2,6-Dinitrotoluene	12.08	165	141905	38.32	ng	#	85
51) Acenaphthene	12.38	154	518954	36.09	ng		99
52) 3-Nitroaniline	12.35	138	80578	21.20	ng		95
53) 2,4-Dinitrophenol	12.56	184	92443	51.33	ng	#	84
54) Dibenzofuran	12.66	168	780097	40.07	ng		94
55) 4-Nitrophenol	12.74	139	137544	75.87	ng	#	38
56) 2,4-Dinitrotoluene	12.74	165	191272	38.65	ng	#	90
57) Fluorene	13.22	166	630502	37.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.91	232	139888	42.13	ng		95
59) Diethylphthalate	13.13	149	639861	35.81	ng		99
60) 4-Chlorophenyl-phenylether	13.25	204	287161	34.88	ng		98
61) 4-Nitroaniline	13.35	138	127228	35.87	ng	#	61
62) Azobenzene	13.51	77	788788	42.55	ng		86
64) 4,6-Dinitro-2-methylphenol	13.41	198	85599	30.17	ng	#	44
65) n-Nitrosodiphenylamine	13.46	169	531961	36.87	ng		99
66) 4-Bromophenyl-phenylether	14.03	248	173232	35.49	ng		94
67) Hexachlorobenzene	14.10	284	177219	34.72	ng	#	70
68) Atrazine	14.39	200	180927	39.34	ng		92
69) Pentachlorophenol	14.47	266	94511	61.15	ng		96
70) Phenanthrene	14.77	178	906260	36.67	ng		100
71) Anthracene	14.85	178	932426	37.35	ng		99
72) Carbazole	15.14	167	825897	38.79	ng		98
73) Di-n-butylphthalate	15.73	149	1014282	36.83	ng		99
74) Fluoranthene	16.54	202	936047	37.77	ng		92
76) Benzidine	16.77	184	310320	34.22	ng		96
77) Pyrene	16.83	202	914047	36.03	ng		99
79) Butylbenzylphthalate	17.75	149	408577	36.32	ng	#	74
80) Benzo(a)anthracene	18.42	228	752002	37.52	ng		99
81) 3,3'-Dichlorobenzidine	18.41	252	115519	10.43	ng		96
82) Chrysene	18.47	228	729918	36.69	ng		99
83) Bis(2-ethylhexyl)phthalate	18.49	149	562867	34.29	ng	#	96
84) Di-n-octyl phthalate	19.27	149	854154	34.12	ng	#	86
85) Indeno(1,2,3-cd)pyrene	21.31	276	522747	32.78	ng		94
87) Benzo(b)fluoranthene	19.69	252	628045	43.32	ng		97
88) Benzo(k)fluoranthene	19.73	252	465213m	37.28	ng		
89) Benzo(a)pyrene	20.05	252	501615	40.00	ng		99
90) Dibenzo(a,h)anthracene	21.31	278	440853	41.22	ng		96
91) Benzo(g,h,i)perylene	21.67	276	444732	42.14	ng	#	91

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

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