Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088543.D
Acq On : 30 Jun 2016 21:56
Operator : UM/SJ
Sample : PB91726BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91726BS

Manual Integrations APPROVED
SOHIL
7/1/2016 8:05:20 AM

Quant Time: Jul 01 02:10:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	132345	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	574513	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	263756	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	476796	20.00	ng		0.00
75) Chrysene-d12	13.95	240	362032	20.00	ng		0.00
86) Perylene-d12	15.35	264	355552	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1047084	118.57	ng		0.01
7) Phenol-d6	6.44	99	1341802	117.60	ng		0.00
23) Nitrobenzene-d5	7.38	82	921198	84.03	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	304871	124.48	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1213162	72.65	ng		0.00
78) Terphenyl-d14	12.91	244	1149747	70.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	140418	32.07	ng	#	29
3) Pyridine	3.16	79	218919	17.23	ng		94
4) n-Nitrosodimethylamine	3.11	42	98719	20.34	ng		93
6) Aniline	6.47	93	276384	16.62	ng	#	87
8) 2-Chlorophenol	6.59	128	188044	19.81	ng	#	81
9) Benzaldehyde	6.35	77	142116	18.39	ng		84
10) Phenol	6.46	94	206656	15.87	ng	#	68
11) bis(2-Chloroethyl)ether	6.55	93	200207	20.62	ng		98
12) 1,3-Dichlorobenzene	6.75	146	215703	20.65	ng		98
13) 1,4-Dichlorobenzene	6.83	146	226585	21.86	ng		99
14) 1,2-Dichlorobenzene	6.98	146	186094m	19.18	ng		
15) Benzyl Alcohol	6.96	79	191137	22.76	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	282865	20.11	ng		95
17) 2-Methylphenol	7.07	107	180001	23.25	ng		96
18) Hexachloroethane	7.32	117	82667	20.62	ng	#	80
19) n-Nitroso-di-n-propylamine	7.23	70	172324	22.48	ng		91
20) 3+4-Methylphenols	7.22	107	223602	24.06	ng	#	79
22) Acetophenone	7.22	105	286216	20.53	ng	#	83
24) Nitrobenzene	7.39	77	223930	20.26	ng	#	80
25) Isophorone	7.63	82	416344	20.50	ng	#	93
26) 2-Nitrophenol	7.71	139	100972	22.28	ng		95
27) 2,4-Dimethylphenol	7.76	122	211071	22.36	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	265971	20.13	ng	#	95
29) 2,4-Dichlorophenol	7.95	162	175469	23.00	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	182565	21.80	ng		97
31) Naphthalene	8.12	128	615218	21.72	ng		98
32) Benzoic acid	7.85	122	109341	15.95	ng		92
33) 4-Chloroaniline	8.17	127	178264	14.15	ng	#	94
34) Hexachlorobutadiene	8.25	225	92846	20.71	ng		98
35) Caprolactam	8.51	113	58463m	22.56	ng		
36) 4-Chloro-3-methylphenol	8.65	107	204210	22.63	ng		97
37) 2-Methylnaphthalene	8.81	142	396569m	21.74	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	161456	18.40	ng	#	1
40) Hexachlorocyclopentadiene	8.97	237	275625	64.01	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	114649	19.82	ng		95
43) 2,4,5-Trichlorophenol	9.12	196	115375	23.18	ng	#	84
45) 1,1'-Biphenyl	9.28	154	494236	22.63	ng		97
46) 2-Chloronaphthalene	9.30	162	380563	22.20	ng		95
47) 2-Nitroaniline	9.38	65	122084	20.06	ng	#	85
48) Acenaphthylene	9.71	152	621613	22.78	ng		99
49) Dimethylphthalate	9.58	163	440707	23.45	ng		100
50) 2,6-Dinitrotoluene	9.63	165	104119	25.00	ng	#	73
51) Acenaphthene	9.88	154	444521	26.58	ng		99
52) 3-Nitroaniline	9.79	138	75216	14.21	ng		83
53) 2,4-Dinitrophenol	9.91	184	135424	73.65	ng	#	72
54) Dibenzofuran	10.06	168	551391	25.19	ng		94
55) 4-Nitrophenol	9.95	139	244853	60.86	ng		93
56) 2,4-Dinitrotoluene	10.03	165	142523	26.17	ng	#	71
57) Fluorene	10.40	166	412016	24.43	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	105030	27.28	ng	#	55
59) Diethylphthalate	10.27	149	436153	23.13	ng		97
60) 4-Chlorophenyl-phenylether	10.39	204	167313	21.35	ng		91
61) 4-Nitroaniline	10.41	138	109986	21.59	ng		100
62) Azobenzene	10.55	77	512027	23.80	ng		93
64) 4,6-Dinitro-2-methylphenol	10.43	198	51680	20.27	ng		90
65) n-Nitrosodiphenylamine	10.51	169	369322	22.89	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	114058	23.74	ng	#	92
67) Hexachlorobenzene	10.94	284	113835	21.40	ng	#	89
68) Atrazine	11.04	200	119290	23.72	ng		98
69) Pentachlorophenol	11.13	266	194305	61.73	ng		96
70) Phenanthrene	11.35	178	581126	22.30	ng		100
71) Anthracene	11.40	178	653315	25.21	ng		98
72) Carbazole	11.55	167	579512	23.76	ng		100
73) Di-n-butylphthalate	11.90	149	656715	23.15	ng		99
74) Fluoranthene	12.54	202	642324	24.31	ng		95
76) Benzidine	12.66	184	570515	31.18	ng		99
77) Pyrene	12.75	202	614772	20.03	ng		100
79) Butylbenzylphthalate	13.38	149	272706	19.92	ng	#	62
80) Benzo(a)anthracene	13.94	228	536547	23.02	ng		100
81) 3,3'-Dichlorobenzidine	13.91	252	116361	13.28	ng	#	97
82) Chrysene	13.98	228	462522	20.05	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	353312	22.60	ng	#	100
84) Di-n-octyl phthalate	14.56	149	629709	23.71	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	402594	22.69	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	515376m	23.11	ng		
88) Benzo(k)fluoranthene	14.98	252	409641m	21.10	ng		
89) Benzo(a)pyrene	15.29	252	440253	23.31	ng		99
90) Dibenzo(a,h)anthracene	16.72	278	329605	20.90	ng		97
91) Benzo(g,h,i)perylene	17.10	276	324020	19.86	ng		98

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

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