Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121715\
Data File : BF083869.D
Acq On : 17 Dec 2015 5:52
Operator : UM/SJ
Sample : G4775-16MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITE-A-20150872MSD

Manual Integrations APPROVED
MMdadoda
12/17/2015 5:35:03 PM

Quant Time: Dec 17 08:19:30 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	121975	20.00	ng		-0.02
21) Naphthalene-d8	8.18	136	497701	20.00	ng		-0.03
38) Acenaphthene-d10	9.94	164	250740	20.00	ng		-0.02
63) Phenanthrene-d10	11.41	188	445411	20.00	ng		-0.03
75) Chrysene-d12	14.05	240	303478	20.00	ng		-0.02
86) Perylene-d12	15.49	264	260000	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	687737	90.96	ng		0.00
7) Phenol-d6	6.53	99	773606	80.80	ng		-0.01
23) Nitrobenzene-d5	7.46	82	551603	62.01	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	247516	96.88	ng		-0.02
44) 2-Fluorobiphenyl	9.25	172	1058423	56.12	ng		-0.03
78) Terphenyl-d14	13.00	244	970989	68.82	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	86032	23.53	ng	#	68
3) Pyridine	3.41	79	145636	15.83	ng	#	80
4) n-Nitrosodimethylamine	3.33	42	98849	28.40	ng	#	63
6) Aniline	6.56	93	57361	4.41	ng	#	1
8) 2-Chlorophenol	6.68	128	279032	31.41	ng		90
9) Benzaldehyde	6.44	77	57829	11.25	ng		82
10) Phenol	6.54	94	242937	22.04	ng		89
11) bis(2-Chloroethyl)ether	6.64	93	290482	36.40	ng	#	83
12) 1,3-Dichlorobenzene	6.84	146	289090m	30.66	ng		
13) 1,4-Dichlorobenzene	6.91	146	283379	29.74	ng		98
14) 1,2-Dichlorobenzene	7.07	146	282104	32.95	ng		97
15) Benzyl Alcohol	7.04	79	226893	32.26	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	270354	26.09	ng		73
17) 2-Methylphenol	7.15	107	226896	31.76	ng	#	86
18) Hexachloroethane	7.41	117	105685	31.23	ng		97
19) n-Nitroso-di-n-propylamine	7.31	70	176435	30.09	ng		90
20) 3+4-Methylphenols	7.31	107	274774	32.58	ng	#	66
22) Acetophenone	7.31	105	380849	31.19	ng	#	99
24) Nitrobenzene	7.48	77	303528	32.78	ng	#	75
25) Isophorone	7.72	82	549376	31.48	ng	#	91
26) 2-Nitrophenol	7.79	139	143812	32.33	ng	#	88
27) 2,4-Dimethylphenol	7.84	122	252176	28.85	ng		95
28) bis(2-Chloroethoxy)methane	7.93	93	311563	31.28	ng	#	97
29) 2,4-Dichlorophenol	8.04	162	251393	35.04	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	238363	32.04	ng		95
31) Naphthalene	8.20	128	1045741	40.31	ng		98
32) Benzoic acid	7.97	122	152738	28.04	ng	#	82
33) 4-Chloroaniline	8.26	127	38157	3.60	ng	#	85
34) Hexachlorobutadiene	8.33	225	141477	34.65	ng		97
35) Caprolactam	8.62	113	62607m	27.17	ng		
36) 4-Chloro-3-methylphenol	8.74	107	275079	32.78	ng		90
37) 2-Methylnaphthalene	8.90	142	618569	37.98	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	222150	30.03	ng	#	100
40) Hexachlorocyclopentadiene	9.05	237	161902	43.19	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	165665	30.60	ng		97
43) 2,4,5-Trichlorophenol	9.22	196	171976	33.49	ng		97
45) 1,1'-Biphenyl	9.36	154	649457	29.23	ng		97
46) 2-Chloronaphthalene	9.38	162	496651	30.28	ng	#	90
47) 2-Nitroaniline	9.47	65	141558	30.43	ng	#	86
48) Acenaphthylene	9.80	152	870372	31.54	ng		99
49) Dimethylphthalate	9.66	163	687399	35.16	ng		99
50) 2,6-Dinitrotoluene	9.72	165	153302	36.95	ng	#	70
51) Acenaphthene	9.97	154	652834	39.13	ng		99
52) 3-Nitroaniline	9.88	138	42321	8.85	ng		79
53) 2,4-Dinitrophenol	10.00	184	128092	63.94	ng	#	83
54) Dibenzofuran	10.14	168	816107	36.92	ng		94
55) 4-Nitrophenol	10.05	139	161596	45.63	ng		85
56) 2,4-Dinitrotoluene	10.12	165	167841	30.97	ng	#	86
57) Fluorene	10.49	166	609558	35.02	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	134381	34.88	ng	#	100
59) Diethylphthalate	10.36	149	651493	32.92	ng		100
60) 4-Chlorophenyl-phenylether	10.48	204	268121	33.78	ng		97
61) 4-Nitroaniline	10.50	138	114652	27.19	ng		88
62) Azobenzene	10.64	77	629893	34.92	ng		92
64) 4,6-Dinitro-2-methylphenol	10.53	198	87785	34.64	ng	#	81
65) n-Nitrosodiphenylamine	10.59	169	489934	32.16	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	175608	35.26	ng		93
67) Hexachlorobenzene	11.04	284	192045	35.64	ng	#	90
68) Atrazine	11.13	200	152869	35.27	ng		95
69) Pentachlorophenol	11.23	266	194443	63.97	ng		99
70) Phenanthrene	11.45	178	898999	37.99	ng		100
71) Anthracene	11.49	178	753807	30.67	ng		99
72) Carbazole	11.64	167	710850	31.05	ng	#	95
73) Di-n-butylphthalate	11.98	149	1015322	36.51	ng		99
74) Fluoranthene	12.62	202	761851	31.16	ng		97
76) Benzidine	12.74	184	21775	2.35	ng		94
77) Pyrene	12.85	202	757570	31.58	ng		99
79) Butylbenzylphthalate	13.47	149	359228	34.89	ng		98
80) Benzo(a)anthracene	14.04	228	553543	32.08	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	80523	12.94	ng	#	98
82) Chrysene	14.08	228	488515	29.02	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	457746	39.07	ng	#	95
84) Di-n-octyl phthalate	14.65	149	756431	40.63	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.93	276	607202	36.73	ng	#	100
87) Benzo(b)fluoranthene	15.08	252	556736m	33.56	ng		
88) Benzo(k)fluoranthene	15.11	252	458275m	30.49	ng		
89) Benzo(a)pyrene	15.44	252	500954	33.84	ng		98
90) Dibenzo(a,h)anthracene	16.95	278	505784	34.36	ng		98
91) Benzo(g,h,i)perylene	17.37	276	512731	33.89	ng		99

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

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