Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
Data File : BF090025.D
Acq On : 8 Sep 2016 15:32
Operator : UM/SJ
Sample : H4680-12MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FTMS

Manual Integrations APPROVED
Sohil
9/9/2016 8:38:15 AM

Quant Time: Sep 08 16:27:49 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 16:07:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	188050	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	762652	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	373688	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	702416	20.00	ng		0.00
75) Chrysene-d12	13.73	240	419083	20.00	ng		0.00
86) Perylene-d12	15.06	264	429867	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1348289	114.76	ng		0.01
7) Phenol-d6	6.26	99	1837762	128.74	ng		0.01
23) Nitrobenzene-d5	7.18	82	1120887	85.24	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	427693	116.01	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	1856178	81.54	ng		0.00
78) Terphenyl-d14	12.69	244	1432566	84.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	149707	26.89	ng	#	96
3) Pyridine	2.70	79	393130	26.47	ng		99
4) n-Nitrosodimethylamine	2.64	42	255144	34.84	ng		99
6) Aniline	6.26	93	530494	27.24	ng	#	88
8) 2-Chlorophenol	6.39	128	491030	38.53	ng		98
9) Benzaldehyde	6.14	77	65211	7.08	ng		95
10) Phenol	6.27	94	615077	37.05	ng	#	74
11) bis(2-Chloroethyl)ether	6.34	93	491803	39.15	ng		99
12) 1,3-Dichlorobenzene	6.54	146	507543m	35.65	ng		
13) 1,4-Dichlorobenzene	6.62	146	536469	36.83	ng		98
14) 1,2-Dichlorobenzene	6.78	146	491045	37.61	ng		96
15) Benzyl Alcohol	6.75	79	354029	39.59	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	831455	34.71	ng		90
17) 2-Methylphenol	6.88	107	385204	37.84	ng		99
18) Hexachloroethane	7.11	117	174284	34.93	ng	#	87
19) n-Nitroso-di-n-propylamine	7.03	70	340300	36.58	ng	#	86
20) 3+4-Methylphenols	7.04	107	484280	39.25	ng	#	71
22) Acetophenone	7.03	105	604526	35.33	ng	#	93
24) Nitrobenzene	7.19	77	463238	33.13	ng		97
25) Isophorone	7.44	82	931172	34.82	ng		97
26) 2-Nitrophenol	7.51	139	275693	41.25	ng		97
27) 2,4-Dimethylphenol	7.56	122	438060	35.44	ng		96
28) bis(2-Chloroethoxy)methane	7.66	93	610350	37.84	ng		99
29) 2,4-Dichlorophenol	7.76	162	430856	38.88	ng		90
30) 1,2,4-Trichlorobenzene	7.84	180	453602	37.44	ng		99
31) Naphthalene	7.91	128	1334944	35.14	ng		100
32) Benzoic acid	7.64	122	45462	5.46	ng	#	78
33) 4-Chloroaniline	7.98	127	488797	31.89	ng		95
34) Hexachlorobutadiene	8.03	225	242686	34.18	ng		99
35) Caprolactam	8.34	113	126918	36.28	ng		93
36) 4-Chloro-3-methylphenol	8.46	107	418213	35.63	ng	#	83
37) 2-Methylnaphthalene	8.60	142	1031127	41.07	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	365013	33.34	ng		99
40) Hexachlorocyclopentadiene	8.75	237	354119	63.09	ng		94

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	284384	37.48	ng		99
43) 2,4,5-Trichlorophenol	8.92	196	328808	45.07	ng		98
45) 1,1'-Biphenyl	9.06	154	989921	32.90	ng		99
46) 2-Chloronaphthalene	9.08	162	843162	39.62	ng		98
47) 2-Nitroaniline	9.19	65	295701	42.50	ng	#	84
48) Acenaphthylene	9.50	152	1304985	37.08	ng		100
49) Dimethylphthalate	9.38	163	1934811	71.64	ng		99
50) 2,6-Dinitrotoluene	9.44	165	251468	41.86	ng	#	69
51) Acenaphthene	9.67	154	851834	38.21	ng		99
52) 3-Nitroaniline	9.60	138	244633	35.71	ng		89
53) 2,4-Dinitrophenol	9.70	184	99960	35.51	ng	#	84
54) Dibenzofuran	9.84	168	1212222	40.57	ng		99
55) 4-Nitrophenol	9.77	139	346322	67.02	ng	#	62
56) 2,4-Dinitrotoluene	9.83	165	286946	37.67	ng	#	78
57) Fluorene	10.18	166	928006	42.50	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	273110	43.73	ng		93
59) Diethylphthalate	10.07	149	1048462	41.26	ng		98
60) 4-Chlorophenyl-phenylether	10.18	204	432682	42.11	ng		95
61) 4-Nitroaniline	10.20	138	240370	35.71	ng		89
62) Azobenzene	10.33	77	983110	38.74	ng		99
64) 4,6-Dinitro-2-methylphenol	10.24	198	119488	26.57	ng	#	64
65) n-Nitrosodiphenylamine	10.30	169	788866	37.36	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	290003	41.01	ng		99
67) Hexachlorobenzene	10.72	284	273760	33.89	ng		100
68) Atrazine	10.83	200	283379	40.20	ng		95
69) Pentachlorophenol	10.91	266	279848	64.40	ng		99
70) Phenanthrene	11.13	178	1422792	40.68	ng		100
71) Anthracene	11.18	178	1381414	38.94	ng		100
72) Carbazole	11.34	167	1202942	36.16	ng		99
73) Di-n-butylphthalate	11.69	149	1474686	38.03	ng	#	97
74) Fluoranthene	12.31	202	1542463	42.08	ng		99
76) Benzidine	12.45	184	121408	7.65	ng	#	69
77) Pyrene	12.53	202	1362911	46.12	ng		99
79) Butylbenzylphthalate	13.17	149	514991	43.22	ng		98
80) Benzo(a)anthracene	13.71	228	1121216	43.68	ng		99
81) 3,3'-Dichlorobenzidine	13.68	252	256031	27.63	ng		100
82) Chrysene	13.75	228	1037938	43.29	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	688821	41.79	ng		100
84) Di-n-octyl phthalate	14.34	149	1128083	42.40	ng		99
85) Indeno(1,2,3-cd)pyrene	16.27	276	874737	49.35	ng		99
87) Benzo(b)fluoranthene	14.71	252	1316588m	48.89	ng		
88) Benzo(k)fluoranthene	14.73	252	729260m	31.91	ng		
89) Benzo(a)pyrene	15.01	252	948426	41.11	ng	#	95
90) Dibenzo(a,h)anthracene	16.30	278	713675	42.22	ng		98
91) Benzo(g,h,i)perylene	16.64	276	728425	42.81	ng		98

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

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