Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
Data File : BF084126.D
Acq On : 25 Dec 2015 13:34
Operator : UM/SJ
Sample : G4961-02MSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-7(21.0-21.5)MSD

Manual Integrations APPROVED
Sohil
12/28/2015 1:10:27 PM

Quant Time: Dec 26 03:40:18 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	49425	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	191096	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	89528	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	165976	20.00	ng		0.00
75) Chrysene-d12	13.96	240	116411	20.00	ng		0.00
86) Perylene-d12	15.38	264	98336	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	379765	130.27	ng		0.01
7) Phenol-d6	6.46	99	490631	136.01	ng		0.01
23) Nitrobenzene-d5	7.37	82	292881	89.71	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	141771	148.49	ng		0.01
44) 2-Fluorobiphenyl	9.16	172	567211	86.69	ng		0.00
78) Terphenyl-d14	12.90	244	491094	76.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	45709	38.26	ng		98
3) Pyridine	3.13	79	125671	43.07	ng		99
4) n-Nitrosodimethylamine	3.08	42	59595	46.35	ng		99
6) Aniline	6.46	93	109587	24.03	ng	#	70
8) 2-Chlorophenol	6.59	128	163187	45.08	ng		100
9) Benzaldehyde	6.35	77	46323	24.01	ng		91
10) Phenol	6.48	94	210894	51.12	ng		93
11) bis(2-Chloroethyl)ether	6.53	93	133981	45.03	ng		91
12) 1,3-Dichlorobenzene	6.74	146	170080	43.03	ng		97
13) 1,4-Dichlorobenzene	6.82	146	172911m	43.47	ng		
14) 1,2-Dichlorobenzene	6.97	146	154461	42.14	ng		98
15) Benzyl Alcohol	6.96	79	140951	51.60	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.08	45	120056	41.31	ng	#	1
17) 2-Methylphenol	7.08	107	127351	45.81	ng	#	89
18) Hexachloroethane	7.31	117	61988	42.70	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	95067	42.79	ng	#	86
20) 3+4-Methylphenols	7.23	107	168413	47.49	ng	#	51
22) Acetophenone	7.22	105	222005	46.50	ng	#	88
24) Nitrobenzene	7.39	77	163464	47.16	ng		91
25) Isophorone	7.63	82	279836	46.34	ng		95
26) 2-Nitrophenol	7.71	139	85030	47.93	ng		93
27) 2,4-Dimethylphenol	7.76	122	149363	50.73	ng		97
28) bis(2-Chloroethoxy)methane	7.84	93	160016	45.45	ng		99
29) 2,4-Dichlorophenol	7.96	162	130652	47.78	ng		91
30) 1,2,4-Trichlorobenzene	8.03	180	137774	45.97	ng		98
31) Naphthalene	8.11	128	473270	46.55	ng		99
32) Benzoic acid	7.88	122	34412	24.37	ng		93
33) 4-Chloroaniline	8.17	127	50439	12.47	ng	#	89
34) Hexachlorobutadiene	8.22	225	73388	42.94	ng		98
35) Caprolactam	8.53	113	42319m	55.80	ng		
36) 4-Chloro-3-methylphenol	8.67	107	156739	50.97	ng		94
37) 2-Methylnaphthalene	8.80	142	302177	47.48	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	131062	46.44	ng		99
40) Hexachlorocyclopentadiene	8.96	237	72157	85.45	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	80534	43.76	ng		96
43) 2,4,5-Trichlorophenol	9.14	196	88556	48.08	ng		98
45) 1,1'-Biphenyl	9.26	154	400541	49.52	ng		97
46) 2-Chloronaphthalene	9.29	162	289985	47.16	ng		95
47) 2-Nitroaniline	9.39	65	88818	54.36	ng	#	76
48) Acenaphthylene	9.70	152	434626	43.04	ng		99
49) Dimethylphthalate	9.57	163	521704	70.36	ng	#	91
50) 2,6-Dinitrotoluene	9.63	165	73325	46.59	ng	#	66
51) Acenaphthene	9.87	154	256145	43.61	ng		99
52) 3-Nitroaniline	9.80	138	44052	26.08	ng	#	76
53) 2,4-Dinitrophenol	9.92	184	35654	63.99	ng		90
54) Dibenzofuran	10.04	168	375065	46.44	ng	#	89
55) 4-Nitrophenol	10.00	139	82788	96.03	ng		97
56) 2,4-Dinitrotoluene	10.04	165	106973	51.49	ng		91
57) Fluorene	10.38	166	300378	43.76	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	66526	50.67	ng		97
59) Diethylphthalate	10.27	149	362690	48.15	ng		100
60) 4-Chlorophenyl-phenylether	10.37	204	129671	40.96	ng	#	79
61) 4-Nitroaniline	10.42	138	74400	47.66	ng		97
62) Azobenzene	10.53	77	309415	49.86	ng		89
64) 4,6-Dinitro-2-methylphenol	10.45	198	41764	45.33	ng		88
65) n-Nitrosodiphenylamine	10.50	169	280044	47.33	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	87750	45.64	ng	#	76
67) Hexachlorobenzene	10.93	284	93206	44.28	ng	#	73
68) Atrazine	11.04	200	88921	49.90	ng		92
69) Pentachlorophenol	11.14	266	66415	94.38	ng		99
70) Phenanthrene	11.34	178	434406	44.15	ng		99
71) Anthracene	11.40	178	472711	45.94	ng		99
72) Carbazole	11.55	167	407722	46.58	ng		99
73) Di-n-butylphthalate	11.88	149	491580	43.59	ng	#	98
74) Fluoranthene	12.53	202	455807	44.65	ng		97
76) Benzidine	12.65	184	141186	35.68	ng		100
77) Pyrene	12.76	202	478642	47.66	ng		100
79) Butylbenzylphthalate	13.38	149	203329	48.91	ng	#	76
80) Benzo(a)anthracene	13.95	228	332387	46.42	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	80370	37.06	ng	#	95
82) Chrysene	13.99	228	316048	47.86	ng		100
83) Bis(2-ethylhexyl)phthalate	13.94	149	267770	49.85	ng	#	96
84) Di-n-octyl phthalate	14.55	149	402786	53.29	ng		99
85) Indeno(1,2,3-cd)pyrene	16.77	276	322584	48.79	ng		99
87) Benzo(b)fluoranthene	14.98	252	323996m	44.37	ng		
88) Benzo(k)fluoranthene	15.00	252	253072m	51.14	ng		
89) Benzo(a)pyrene	15.32	252	280310	46.59	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	267461	45.55	ng		96
91) Benzo(g,h,i)perylene	17.19	276	271117	45.24	ng		98

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

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