Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084226.D
Acq On : 1 Jan 2016 5:43
Operator : UM/SJ
Sample : G4981-03MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0529MSD

Manual Integrations APPROVED
UMANGI
1/4/2016 4:29:52 PM

Quant Time: Jan 02 03:13:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 14:15:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	273164	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1058043	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	458344	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	676114	20.00	ng		0.01
75) Chrysene-d12	14.08	240	474101	20.00	ng		0.01
86) Perylene-d12	15.52	264	524177	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	891494	52.79	ng		0.01
7) Phenol-d6	6.53	99	782317	36.88	ng		0.00
23) Nitrobenzene-d5	7.47	82	1496867	78.74	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	427115	92.30	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	2434810	94.13	ng		0.01
78) Terphenyl-d14	13.03	244	1535743	72.31	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	108310	13.54	ng	#	71
3) Pyridine	3.33	79	277642	12.45	ng	#	70
4) n-Nitrosodimethylamine	3.24	42	187028	16.34	ng	#	83
6) Aniline	6.58	93	494463	15.94	ng	#	81
8) 2-Chlorophenol	6.69	128	612750	31.98	ng		99
9) Benzaldehyde	6.45	77	167456	12.12	ng	#	51
10) Phenol	6.56	94	338939	14.05	ng		92
11) bis(2-Chloroethyl)ether	6.64	93	672917	36.02	ng	#	82
12) 1,3-Dichlorobenzene	6.84	146	665675m	33.68	ng		
13) 1,4-Dichlorobenzene	6.92	146	695796	35.10	ng		96
14) 1,2-Dichlorobenzene	7.08	146	634865	33.45	ng		95
15) Benzyl Alcohol	7.05	79	430894	24.15	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1267251m	37.25	ng		
17) 2-Methylphenol	7.17	107	411178	25.60	ng		93
18) Hexachloroethane	7.42	117	322408	40.68	ng	#	84
19) n-Nitroso-di-n-propylamine	7.32	70	525852	36.62	ng	#	66
20) 3+4-Methylphenols	7.32	107	441849	23.41	ng		95
22) Acetophenone	7.32	105	1089469	42.82	ng	#	96
24) Nitrobenzene	7.49	77	869423	45.09	ng		96
25) Isophorone	7.73	82	1369139	37.66	ng		98
26) 2-Nitrophenol	7.80	139	332419	37.88	ng	#	62
27) 2,4-Dimethylphenol	7.85	122	564798	31.80	ng		97
28) bis(2-Chloroethoxy)methane	7.94	93	877836	39.53	ng		92
29) 2,4-Dichlorophenol	8.05	162	522777	35.33	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	603428	39.50	ng		96
31) Naphthalene	8.21	128	1922392	40.05	ng		98
32) Benzoic acid	7.96	122	151628	17.79	ng	#	76
33) 4-Chloroaniline	8.27	127	102025	4.64	ng	#	94
34) Hexachlorobutadiene	8.34	225	339101	38.62	ng		98
36) 4-Chloro-3-methylphenol	8.75	107	518616	31.29	ng		90
37) 2-Methylnaphthalene	8.91	142	1390977	40.37	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	514471	39.04	ng	#	96
40) Hexachlorocyclopentadiene	9.06	237	564312	70.94	ng		97
42) 2,4,6-Trichlorophenol	9.18	196	332775	33.76	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	333671	35.31	ng	#	81
45) 1,1'-Biphenyl	9.37	154	1459636	40.07	ng		97
46) 2-Chloronaphthalene	9.39	162	1149981	40.19	ng		98
47) 2-Nitroaniline	9.49	65	375563	39.77	ng		96
48) Acenaphthylene	9.81	152	1758657	41.60	ng		97
49) Dimethylphthalate	9.68	163	1375499	41.98	ng	#	89
50) 2,6-Dinitrotoluene	9.73	165	272455	37.91	ng	#	48
51) Acenaphthene	9.98	154	1293716	45.62	ng		98
52) 3-Nitroaniline	9.90	138	79963	8.98	ng	#	75
53) 2,4-Dinitrophenol	10.01	184	215674	70.87	ng		93
54) Dibenzofuran	10.16	168	1536387	41.61	ng		91
55) 4-Nitrophenol	10.09	139	152444	23.58	ng	#	66
56) 2,4-Dinitrotoluene	10.13	165	376463	41.39	ng	#	89
57) Fluorene	10.50	166	1186134	41.59	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	277531	34.40	ng	#	92
59) Diethylphthalate	10.37	149	1218483	37.72	ng		99
60) 4-Chlorophenyl-phenylether	10.49	204	516617	42.71	ng		88
61) 4-Nitroaniline	10.51	138	135595	17.08	ng		90
62) Azobenzene	10.65	77	1334299	37.66	ng		86
64) 4,6-Dinitro-2-methylphenol	10.53	198	131396	32.14	ng	#	16
65) n-Nitrosodiphenylamine	10.61	169	1042406	48.22	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	322929	44.38	ng	#	74
67) Hexachlorobenzene	11.05	284	388485	47.43	ng		93
68) Atrazine	11.17	200	202511	28.63	ng		97
69) Pentachlorophenol	11.24	266	314229	73.99	ng		97
70) Phenanthrene	11.46	178	1473618	41.67	ng		96
71) Anthracene	11.52	178	1586687	45.77	ng		99
72) Carbazole	11.68	167	1235819	36.46	ng		99
73) Di-n-butylphthalate	12.01	149	1718756	48.72	ng	#	97
74) Fluoranthene	12.65	202	1302092	35.24	ng		97
77) Pyrene	12.88	202	1332993	35.83	ng		99
79) Butylbenzylphthalate	13.51	149	642052	39.88	ng	#	97
80) Benzo(a)anthracene	14.07	228	1087860	39.08	ng		98
82) Chrysene	14.10	228	1058374	39.56	ng		99
83) Bis(2-ethylhexyl)phthalate	14.07	149	819301	40.28	ng	#	94
84) Di-n-octyl phthalate	14.67	149	1444166	42.06	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.96	276	1510314	71.23	ng		99
87) Benzo(b)fluoranthene	15.11	252	1314122m	38.33	ng		
88) Benzo(k)fluoranthene	15.13	252	1065701m	38.00	ng		
89) Benzo(a)pyrene	15.46	252	1186341	40.79	ng	#	97
90) Dibenzo(a,h)anthracene	16.97	278	1250930	49.98	ng		98
91) Benzo(g,h,i)perylene	17.38	276	1309822	50.54	ng		98

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

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