Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084241.D
Acq On : 4 Jan 2016 16:17
Operator : UM/SJ
Sample : G4981-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Manual Integrations APPROVED
Sohil
1/5/2016 1:26:44 PM

Quant Time: Jan 05 06:29:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	326282	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	1259459	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	566572	20.00	ng		-0.01
63) Phenanthrene-d10	11.42	188	898082	20.00	ng		0.00
75) Chrysene-d12	14.07	240	600483	20.00	ng		0.00
86) Perylene-d12	15.51	264	613026	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1075912	53.34	ng		0.01
7) Phenol-d6	6.53	99	888379	35.07	ng		0.00
23) Nitrobenzene-d5	7.46	82	1538929	68.00	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	565385	98.84	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2652792	82.16	ng		0.00
78) Terphenyl-d14	13.01	244	1779580	66.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	117222	12.27	ng	#	70
3) Pyridine	3.32	79	297199	11.15	ng	#	75
4) n-Nitrosodimethylamine	3.22	42	208935	15.28	ng	#	73
6) Aniline	6.57	93	572313	15.44	ng	#	83
8) 2-Chlorophenol	6.68	128	646275	28.24	ng		96
9) Benzaldehyde	6.43	77	138606	8.40	ng		91
10) Phenol	6.54	94	414324	14.38	ng		96
11) bis(2-Chloroethyl)ether	6.62	93	714407	32.02	ng	#	81
12) 1,3-Dichlorobenzene	6.83	146	694908	29.43	ng	#	94
13) 1,4-Dichlorobenzene	6.91	146	732346	30.93	ng		95
14) 1,2-Dichlorobenzene	7.06	146	633508	27.94	ng		94
15) Benzyl Alcohol	7.04	79	497093	23.32	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1268771	31.22	ng		91
17) 2-Methylphenol	7.16	107	428474	22.34	ng	#	90
18) Hexachloroethane	7.40	117	330861	34.95	ng	#	89
19) n-Nitroso-di-n-propylamine	7.31	70	574036	33.47	ng	#	66
20) 3+4-Methylphenols	7.32	107	510274	22.63	ng		90
22) Acetophenone	7.31	105	1203664	39.74	ng	#	97
24) Nitrobenzene	7.48	77	931002	40.56	ng		97
25) Isophorone	7.72	82	1470661	33.98	ng		98
26) 2-Nitrophenol	7.80	139	370522	35.47	ng		95
27) 2,4-Dimethylphenol	7.85	122	692491	32.75	ng		92
28) bis(2-Chloroethoxy)methane	7.94	93	986202	37.30	ng	#	91
29) 2,4-Dichlorophenol	8.04	162	540817	30.71	ng		95
30) 1,2,4-Trichlorobenzene	8.12	180	633554	34.84	ng		96
31) Naphthalene	8.20	128	2017341	35.30	ng		98
32) Benzoic acid	7.96	122	174574	17.41	ng		90
33) 4-Chloroaniline	8.26	127	209515	8.00	ng		96
34) Hexachlorobutadiene	8.32	225	347984	33.29	ng		97
36) 4-Chloro-3-methylphenol	8.75	107	638986	32.39	ng		99
37) 2-Methylnaphthalene	8.90	142	1527191	37.23	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	554115	34.02	ng	#	95
40) Hexachlorocyclopentadiene	9.05	237	603282	61.36	ng		97
42) 2,4,6-Trichlorophenol	9.18	196	404277	33.18	ng		94

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Quant Time: Jan 05 06:29:22 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	390623	33.44	ng	#	89
45) 1,1'-Biphenyl	9.37	154	1676941	37.24	ng		95
46) 2-Chloronaphthalene	9.39	162	1323997	37.43	ng	#	88
47) 2-Nitroaniline	9.48	65	418019	35.81	ng		93
48) Acenaphthylene	9.80	152	1850795	35.42	ng		96
49) Dimethylphthalate	9.68	163	1670252	41.24	ng	#	91
50) 2,6-Dinitrotoluene	9.73	165	348605	39.24	ng		95
51) Acenaphthene	9.97	154	1398629	39.90	ng		97
52) 3-Nitroaniline	9.90	138	115149	10.46	ng	#	75
53) 2,4-Dinitrophenol	10.00	184	235622	63.05	ng	#	73
54) Dibenzofuran	10.14	168	1642895	35.57	ng	#	89
55) 4-Nitrophenol	10.09	139	198217	24.81	ng	#	65
56) 2,4-Dinitrotoluene	10.12	165	445952	39.66	ng	#	77
57) Fluorene	10.49	166	1267525	35.61	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	322838	32.37	ng	#	94
59) Diethylphthalate	10.36	149	1393478	34.89	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	601405	39.67	ng	#	85
61) 4-Nitroaniline	10.51	138	166525	16.97	ng		99
62) Azobenzene	10.64	77	1508151	34.43	ng		85
64) 4,6-Dinitro-2-methylphenol	10.53	198	192136	35.13	ng		83
65) n-Nitrosodiphenylamine	10.60	169	1128211	39.29	ng		98
66) 4-Bromophenyl-phenylether	10.97	248	382757	39.60	ng	#	69
67) Hexachlorobenzene	11.04	284	452951	41.63	ng		99
68) Atrazine	11.17	200	221378	23.56	ng		97
69) Pentachlorophenol	11.24	266	406109	71.99	ng		100
70) Phenanthrene	11.45	178	1716959	36.55	ng		95
71) Anthracene	11.50	178	1933054	41.98	ng		98
72) Carbazole	11.66	167	1425584	31.67	ng		98
73) Di-n-butylphthalate	12.00	149	1962420	39.78	ng	#	96
74) Fluoranthene	12.64	202	1489085	30.34	ng		99
77) Pyrene	12.87	202	1499917	31.83	ng		98
79) Butylbenzylphthalate	13.49	149	683574	33.52	ng		97
80) Benzo(a)anthracene	14.05	228	1251660	35.50	ng		99
82) Chrysene	14.09	228	1038734	30.66	ng		98
83) Bis(2-ethylhexyl)phthalate	14.05	149	853052	33.11	ng	#	95
84) Di-n-octyl phthalate	14.66	149	1492103	34.31	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.93	276	1631952	60.76	ng		99
87) Benzo(b)fluoranthene	15.09	252	1407170m	35.09	ng		
88) Benzo(k)fluoranthene	15.12	252	1136245m	34.65	ng		
89) Benzo(a)pyrene	15.45	252	1284730	37.77	ng	#	97
90) Dibenzo(a,h)anthracene	16.96	278	1331321	45.49	ng	#	95
91) Benzo(g,h,i)perylene	17.37	276	1389184	45.83	ng		98

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

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