Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084500.D
Acq On : 15 Jan 2016 19:34
Operator : SJ/UM
Sample : H1127-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLAYMS

Quant Time: Jan 16 02:53:24 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 01:26:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	270869	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	1117901	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	519562	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	884515	20.00	ng		0.01
75) Chrysene-d12	13.99	240	546464	20.00	ng		0.00
86) Perylene-d12	15.40	264	549503	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	2243752	133.98	ng		0.02
7) Phenol-d6	6.48	99	2607075	123.96	ng		0.01
23) Nitrobenzene-d5	7.39	82	1701518	84.71	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	591749	112.81	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	2806524	95.83	ng		0.00
78) Terphenyl-d14	12.93	244	2197922	89.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	326035	41.10	ng	#	80
3) Pyridine	3.18	79	694891	31.42	ng	#	82
4) n-Nitrosodimethylamine	3.13	42	466130	41.06	ng		87
6) Aniline	6.49	93	749327	24.35	ng	#	20
8) 2-Chlorophenol	6.61	128	900990	47.42	ng		93
9) Benzaldehyde	6.36	77	146767	10.72	ng		89
10) Phenol	6.49	94	972631	40.67	ng		86
11) bis(2-Chloroethyl)ether	6.57	93	910031	49.13	ng		88
12) 1,3-Dichlorobenzene	6.76	146	859066	43.83	ng	#	93
13) 1,4-Dichlorobenzene	6.84	146	912872	46.45	ng		95
14) 1,2-Dichlorobenzene	6.99	146	784517	41.68	ng		94
15) Benzyl Alcohol	6.98	79	762913	43.12	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1409985	41.80	ng		95
17) 2-Methylphenol	7.09	107	712985	44.77	ng		94
18) Hexachloroethane	7.33	117	336841	42.86	ng		93
19) n-Nitroso-di-n-propylamine	7.24	70	607487	42.67	ng	#	73
20) 3+4-Methylphenols	7.25	107	914269	48.85	ng		89
22) Acetophenone	7.24	105	1221470	45.44	ng	#	97
24) Nitrobenzene	7.41	77	1007801	49.47	ng		97
25) Isophorone	7.65	82	1707891	44.46	ng		98
26) 2-Nitrophenol	7.73	139	509418	54.94	ng	#	91
27) 2,4-Dimethylphenol	7.78	122	881588	46.97	ng		90
28) bis(2-Chloroethoxy)methane	7.87	93	1146022	48.84	ng		97
29) 2,4-Dichlorophenol	7.97	162	698056	44.65	ng		96
30) 1,2,4-Trichlorobenzene	8.05	180	757087	46.91	ng		96
31) Naphthalene	8.13	128	2302055	45.39	ng		98
32) Benzoic acid	7.88	122	235615	23.22	ng		95
33) 4-Chloroaniline	8.18	127	387542	16.67	ng		98
34) Hexachlorobutadiene	8.25	225	392920	42.35	ng		98
35) Caprolactam	8.57	113	245509m	46.59	ng		
36) 4-Chloro-3-methylphenol	8.68	107	778484	44.46	ng		96
37) 2-Methylnaphthalene	8.83	142	1659902	45.59	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	634602	42.49	ng		99
40) Hexachlorocyclopentadiene	8.98	237	534001	59.22	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	492608	44.08	ng		93
43) 2,4,5-Trichlorophenol	9.16	196	516113	48.18	ng		95
45) 1,1'-Biphenyl	9.29	154	1826210	44.23	ng		97
46) 2-Chloronaphthalene	9.31	162	1417979	43.72	ng		97
47) 2-Nitroaniline	9.41	65	463492	43.30	ng		98
48) Acenaphthylene	9.73	152	2224344	46.42	ng		96
49) Dimethylphthalate	9.61	163	2500594	67.32	ng	#	91
50) 2,6-Dinitrotoluene	9.66	165	411838	50.55	ng		91
51) Acenaphthene	9.90	154	1571522	48.89	ng		98
52) 3-Nitroaniline	9.82	138	264322	26.18	ng		94
53) 2,4-Dinitrophenol	9.93	184	235689	68.45	ng	#	73
54) Dibenzofuran	10.08	168	1907636	45.88	ng		94
55) 4-Nitrophenol	10.01	139	582782	79.53	ng	#	81
56) 2,4-Dinitrotoluene	10.06	165	550932	53.43	ng		95
57) Fluorene	10.42	166	1509628	47.00	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	400041	43.74	ng		88
59) Diethylphthalate	10.30	149	1697722	46.36	ng		95
60) 4-Chlorophenyl-phenylether	10.41	204	627745	46.48	ng		94
61) 4-Nitroaniline	10.44	138	369347	41.05	ng		88
62) Azobenzene	10.57	77	1682584	41.89	ng		90
64) 4,6-Dinitro-2-methylphenol	10.46	198	230919	42.79	ng	#	55
65) n-Nitrosodiphenylamine	10.53	169	1365785	48.29	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	441815	46.41	ng	#	86
67) Hexachlorobenzene	10.97	284	483786	45.15	ng	#	87
68) Atrazine	11.06	200	416549	45.01	ng		99
69) Pentachlorophenol	11.16	266	453267	81.58	ng		99
70) Phenanthrene	11.38	178	2184270	47.21	ng		96
71) Anthracene	11.42	178	2038510	44.95	ng		98
72) Carbazole	11.58	167	1817705	41.00	ng		98
73) Di-n-butylphthalate	11.92	149	2243680	48.57	ng	#	95
74) Fluoranthene	12.57	202	2107171	43.60	ng		94
76) Benzidine	12.68	184	688383	35.13	ng		99
77) Pyrene	12.79	202	1987665	46.35	ng		98
79) Butylbenzylphthalate	13.41	149	888023	47.85	ng		92
80) Benzo(a)anthracene	13.97	228	1415045	44.10	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	405938	36.25	ng	#	92
82) Chrysene	14.02	228	1469728	47.67	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	1097863	46.83	ng		99
84) Di-n-octyl phthalate	14.59	149	1929066	48.74	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.79	276	1559646	63.81	ng		98
87) Benzo(b)fluoranthene	15.00	252	1442505m	40.13	ng		
88) Benzo(k)fluoranthene	15.04	252	1376801m	46.83	ng		
89) Benzo(a)pyrene	15.35	252	1382785	45.35	ng	#	94
90) Dibenzo(a,h)anthracene	16.81	278	1280869	48.82	ng		98
91) Benzo(g,h,i)perylene	17.21	276	1291160	47.52	ng		99

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

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