Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084505.D
Acq On : 15 Jan 2016 21:54
Operator : SJ/UM
Sample : H1147-03MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07MSD

Quant Time: Jan 16 03:09:38 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	6.83	152	280706	20.00	ng		0.01
21) Naphthalene-d8	8.11	136	1081158	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	517478	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	875875	20.00	ng		0.01
75) Chrysene-d12	13.99	240	497854	20.00	ng		0.00
86) Perylene-d12	15.40	264	548296	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1331729	76.74	ng		0.01
7) Phenol-d6	6.49	99	1062337	48.74	ng		0.02
23) Nitrobenzene-d5	7.40	82	1681571	86.56	ng		0.01
41) 2,4,6-Tribromophenol	10.67	330	754411	144.40	ng		0.01
44) 2-Fluorobiphenyl	9.20	172	2929723	100.77	ng		0.00
78) Terphenyl-d14	12.93	244	2427406	108.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	153666	18.69	ng	#	79
3) Pyridine	3.18	79	366396	15.98	ng	#	74
4) n-Nitrosodimethylamine	3.10	42	211119	17.94	ng		89
6) Aniline	6.50	93	526225	16.50	ng	#	70
8) 2-Chlorophenol	6.62	128	779175	39.57	ng		92
9) Benzaldehyde	6.36	77	1407626	99.18	ng	#	1
10) Phenol	6.50	94	386548	15.60	ng	#	64
11) bis(2-Chloroethyl)ether	6.59	93	1031617	53.74	ng		88
12) 1,3-Dichlorobenzene	6.77	146	878419m	43.25	ng		
13) 1,4-Dichlorobenzene	6.85	146	940415m	46.17	ng		
14) 1,2-Dichlorobenzene	7.00	146	800348	41.03	ng		97
15) Benzyl Alcohol	6.98	79	508139	27.71	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1179321	33.73	ng	#	47
17) 2-Methylphenol	7.10	107	489682	29.67	ng	#	49
18) Hexachloroethane	7.37	117	1771458	217.49	ng	#	1
19) n-Nitroso-di-n-propylamine	7.25	70	662546	44.90	ng	#	74
20) 3+4-Methylphenols	7.25	107	592389	30.54	ng	#	80
22) Acetophenone	7.23	105	3687221	141.83	ng	#	59
24) Nitrobenzene	7.42	77	1170858	59.43	ng		93
25) Isophorone	7.65	82	1800391	48.46	ng		98
26) 2-Nitrophenol	7.73	139	519333	57.92	ng	#	87
27) 2,4-Dimethylphenol	7.78	122	743143	40.94	ng		95
28) bis(2-Chloroethoxy)methane	7.87	93	1177474	51.89	ng		96
29) 2,4-Dichlorophenol	7.98	162	721200	47.70	ng		93
30) 1,2,4-Trichlorobenzene	8.05	180	748105	47.93	ng		96
31) Naphthalene	8.13	128	3240677	66.07	ng		97
32) Benzoic acid	7.93	122	193747	20.68	ng	#	41
33) 4-Chloroaniline	8.19	127	379571	16.88	ng		94
34) Hexachlorobutadiene	8.25	225	426278	47.51	ng		99
36) 4-Chloro-3-methylphenol	8.68	107	776119	45.83	ng		99
37) 2-Methylnaphthalene	8.83	142	1880564	53.41	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	662996	44.57	ng		98
40) Hexachlorocyclopentadiene	8.98	237	522699	58.20	ng		97
42) 2,4,6-Trichlorophenol	9.12	196	540394	48.55	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.16	196	484816	45.44	ng	#	92
45) 1,1'-Biphenyl	9.30	154	2061694	50.13	ng		97
46) 2-Chloronaphthalene	9.32	162	1613939	49.96	ng		89
47) 2-Nitroaniline	9.42	65	605148	56.76	ng	#	62
48) Acenaphthylene	9.73	152	2226561	46.65	ng		96
49) Dimethylphthalate	9.61	163	1932049	52.23	ng	#	89
50) 2,6-Dinitrotoluene	9.66	165	444051	54.73	ng	#	74
51) Acenaphthene	9.90	154	1485302	46.39	ng		98
52) 3-Nitroaniline	9.82	138	236375	23.51	ng		97
53) 2,4-Dinitrophenol	9.94	184	392632	112.10	ng		91
54) Dibenzofuran	10.08	168	1907778	46.08	ng		90
55) 4-Nitrophenol	10.01	139	243948	33.43	ng	#	76
56) 2,4-Dinitrotoluene	10.06	165	504732	49.15	ng	#	89
57) Fluorene	10.42	166	1538922	48.16	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	454428	49.88	ng		87
59) Diethylphthalate	10.30	149	1871565	51.31	ng		95
60) 4-Chlorophenyl-phenylether	10.41	204	693166	52.57	ng		90
61) 4-Nitroaniline	10.44	138	381022	42.51	ng		88
62) Azobenzene	10.57	77	1832693	45.81	ng		88
64) 4,6-Dinitro-2-methylphenol	10.48	198	276715	52.72	ng		85
65) n-Nitrosodiphenylamine	10.53	169	1377856	49.20	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	464618	49.28	ng	#	79
67) Hexachlorobenzene	10.97	284	552924	52.11	ng		96
68) Atrazine	11.07	200	437451	47.73	ng		99
69) Pentachlorophenol	11.16	266	484062	87.98	ng		97
70) Phenanthrene	11.38	178	2241674	48.93	ng		95
71) Anthracene	11.43	178	2331697	51.92	ng		98
72) Carbazole	11.59	167	1908043	43.46	ng		99
73) Di-n-butylphthalate	11.92	149	2473049	56.42	ng	#	95
74) Fluoranthene	12.57	202	2188605	45.73	ng		94
77) Pyrene	12.80	202	2156225	55.19	ng		100
79) Butylbenzylphthalate	13.41	149	909362	53.79	ng		91
80) Benzo(a)anthracene	13.97	228	1497348	51.22	ng		97
81) 3,3'-Dichlorobenzidine	13.94	252	354998	34.80	ng	#	94
82) Chrysene	14.02	228	1580624	56.27	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	1091353	51.10	ng		98
84) Di-n-octyl phthalate	14.59	149	2009472	55.73	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.80	276	1748194	78.51	ng		98
87) Benzo(b)fluoranthene	15.00	252	1572860m	43.85	ng		
88) Benzo(k)fluoranthene	15.04	252	1620839m	55.26	ng		
89) Benzo(a)pyrene	15.35	252	1612897	53.02	ng	#	93
90) Dibenzo(a,h)anthracene	16.81	278	1434174	54.79	ng		98
91) Benzo(g,h,i)perylene	17.21	276	1447577	53.40	ng		96

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

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