Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012116\
Data File : BF084580.D
Acq On : 21 Jan 2016 12:58
Operator : SJ/UM
Sample : H1159-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SULFURCAKEMSD

Quant Time: Jan 22 00:52:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	225844	20.00	ng		-0.07
21) Naphthalene-d8	8.04	136	933923	20.00	ng		-0.08
38) Acenaphthene-d10	9.80	164	454109	20.00	ng		-0.07
63) Phenanthrene-d10	11.29	188	812051	20.00	ng		-0.07
75) Chrysene-d12	13.92	240	569135	20.00	ng		-0.08
86) Perylene-d12	15.31	264	470973	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1758177	125.92	ng		-0.06
7) Phenol-d6	6.42	99	2048515	116.82	ng		-0.06
23) Nitrobenzene-d5	7.33	82	1455949	86.76	ng		-0.07
41) 2,4,6-Tribromophenol	10.59	330	602432	131.40	ng		-0.08
44) 2-Fluorobiphenyl	9.13	172	2387879	93.11	ng		-0.07
78) Terphenyl-d14	12.88	244	2512609	98.55	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	262828	39.74	ng	#	67
3) Pyridine	3.17	79	456050m	24.73	ng		
4) n-Nitrosodimethylamine	3.09	42	357375	37.75	ng		85
6) Aniline	6.43	93	114840	4.48	ng	#	1
8) 2-Chlorophenol	6.56	128	711936	44.94	ng		95
9) Benzaldehyde	6.30	77	68793	6.02	ng		98
10) Phenol	6.43	94	859155	43.09	ng		91
11) bis(2-Chloroethyl)ether	6.51	93	788714	51.06	ng		91
12) 1,3-Dichlorobenzene	6.70	146	751997	46.02	ng		99
13) 1,4-Dichlorobenzene	6.77	146	713922	43.57	ng		97
14) 1,2-Dichlorobenzene	6.93	146	706557	45.02	ng		99
15) Benzyl Alcohol	6.91	79	607416	41.18	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1070679	38.07	ng		95
17) 2-Methylphenol	7.04	107	590990	44.51	ng	#	92
18) Hexachloroethane	7.28	117	291211	44.44	ng	#	91
19) n-Nitroso-di-n-propylamine	7.18	70	487287	41.05	ng	#	74
20) 3+4-Methylphenols	7.18	107	731735	46.89	ng	#	58
22) Acetophenone	7.17	105	1022468	45.53	ng	#	98
24) Nitrobenzene	7.34	77	741586	43.57	ng		94
25) Isophorone	7.60	82	1420713	44.27	ng		97
26) 2-Nitrophenol	7.66	139	380377	49.11	ng	#	87
27) 2,4-Dimethylphenol	7.71	122	683310	43.58	ng		94
28) bis(2-Chloroethoxy)methane	7.80	93	850068	43.36	ng		99
29) 2,4-Dichlorophenol	7.92	162	631047	48.32	ng		96
30) 1,2,4-Trichlorobenzene	7.98	180	628866	46.64	ng		97
31) Naphthalene	8.06	128	2140689	50.52	ng		99
32) Benzoic acid	7.86	122	455775	45.55	ng		92
33) 4-Chloroaniline	8.14	127	53971	2.78	ng		97
34) Hexachlorobutadiene	8.19	225	363758	46.93	ng		98
35) Caprolactam	8.51	113	183121m	41.59	ng		
36) 4-Chloro-3-methylphenol	8.62	107	706257	48.28	ng		97
37) 2-Methylnaphthalene	8.76	142	1439781	47.34	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	568732	43.56	ng		99
40) Hexachlorocyclopentadiene	8.91	237	617468	78.35	ng		98

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Quant Time: Jan 22 00:52:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	468069	47.92	ng		96
43) 2,4,5-Trichlorophenol	9.09	196	404642	43.22	ng	#	86
45) 1,1'-Biphenyl	9.23	154	1759791	48.76	ng		97
46) 2-Chloronaphthalene	9.25	162	1311308	46.26	ng	#	89
47) 2-Nitroaniline	9.36	65	448506	47.93	ng	#	65
48) Acenaphthylene	9.66	152	1938292	46.28	ng		96
49) Dimethylphthalate	9.54	163	1511069	46.55	ng	#	90
50) 2,6-Dinitrotoluene	9.60	165	350753	49.26	ng	#	66
51) Acenaphthene	9.84	154	1354109	48.20	ng		97
52) 3-Nitroaniline	9.76	138	90999	10.31	ng		99
53) 2,4-Dinitrophenol	9.87	184	352211	114.52	ng	#	81
54) Dibenzofuran	10.01	168	1670746	45.98	ng		91
55) 4-Nitrophenol	9.95	139	589511	92.05	ng		89
56) 2,4-Dinitrotoluene	10.00	165	426201	47.29	ng	#	72
57) Fluorene	10.35	166	1346454	48.01	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	384635	48.12	ng		88
59) Diethylphthalate	10.24	149	1471732	45.98	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	624091	54.18	ng	#	82
61) 4-Nitroaniline	10.38	138	367379	46.71	ng		88
62) Azobenzene	10.50	77	1567539	44.65	ng		86
64) 4,6-Dinitro-2-methylphenol	10.41	198	257486	52.94	ng		86
65) n-Nitrosodiphenylamine	10.46	169	1139936	43.91	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	389616	44.58	ng	#	75
67) Hexachlorobenzene	10.90	284	480031	48.80	ng	#	93
68) Atrazine	11.00	200	412385	48.54	ng		97
69) Pentachlorophenol	11.09	266	464630	91.09	ng		99
70) Phenanthrene	11.31	178	2148042	50.57	ng		95
71) Anthracene	11.36	178	1987479	47.73	ng		98
72) Carbazole	11.52	167	1678389	41.23	ng		98
73) Di-n-butylphthalate	11.86	149	2390421	59.93	ng		98
74) Fluoranthene	12.49	202	2132503	48.06	ng		98
76) Benzidine	12.61	184	239579	11.74	ng		98
77) Pyrene	12.72	202	2054620	46.00	ng		98
79) Butylbenzylphthalate	13.35	149	911229	47.15	ng		89
80) Benzo(a)anthracene	13.91	228	1586043	47.46	ng		97
81) 3,3'-Dichlorobenzidine	13.87	252	198226	17.00	ng	#	95
82) Chrysene	13.95	228	1552254	48.34	ng		100
83) Bis(2-ethylhexyl)phthalate	13.92	149	1151297	47.15	ng	#	93
84) Di-n-octyl phthalate	14.52	149	1893248	45.93	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.65	276	1335766	52.48	ng		99
87) Benzo(b)fluoranthene	14.92	252	1404487m	45.59	ng		
88) Benzo(k)fluoranthene	14.95	252	1241459m	49.27	ng		
89) Benzo(a)pyrene	15.25	252	1232302	47.16	ng	#	96
90) Dibenzo(a,h)anthracene	16.67	278	1091071	48.52	ng	#	94
91) Benzo(g,h,i)perylene	17.06	276	1136751	48.82	ng		98

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

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