Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012116\
Data File : BF084579.D
Acq On : 21 Jan 2016 12:31
Operator : SJ/UM
Sample : H1159-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SULFURCAKEMS

Quant Time: Jan 22 00:47:40 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	223758	20.00	ng		-0.07
21) Naphthalene-d8	8.04	136	935032	20.00	ng		-0.08
38) Acenaphthene-d10	9.80	164	464432	20.00	ng		-0.07
63) Phenanthrene-d10	11.29	188	834545	20.00	ng		-0.07
75) Chrysene-d12	13.92	240	556394	20.00	ng		-0.08
86) Perylene-d12	15.31	264	467273	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1753659	126.77	ng		-0.06
7) Phenol-d6	6.42	99	2073039	119.32	ng		-0.06
23) Nitrobenzene-d5	7.33	82	1444921	86.00	ng		-0.07
41) 2,4,6-Tribromophenol	10.59	330	609495	129.99	ng		-0.08
44) 2-Fluorobiphenyl	9.13	172	2365833	89.98	ng		-0.07
78) Terphenyl-d14	12.88	244	2515213	100.91	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	260251	39.71	ng	#	66
3) Pyridine	3.17	79	476323m	26.07	ng		
4) n-Nitrosodimethylamine	3.09	42	320648	34.19	ng	#	70
6) Aniline	6.43	93	104321	4.10	ng	#	1
8) 2-Chlorophenol	6.56	128	715520	45.59	ng		98
9) Benzaldehyde	6.30	77	67958	6.01	ng		96
10) Phenol	6.43	94	822984	41.66	ng		93
11) bis(2-Chloroethyl)ether	6.51	93	804527	52.57	ng		90
12) 1,3-Dichlorobenzene	6.70	146	753715	46.55	ng		98
13) 1,4-Dichlorobenzene	6.78	146	722077m	44.47	ng		
14) 1,2-Dichlorobenzene	6.93	146	693610	44.61	ng		98
15) Benzyl Alcohol	6.91	79	611854	41.86	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1072156	38.47	ng		98
17) 2-Methylphenol	7.04	107	588711	44.75	ng	#	92
18) Hexachloroethane	7.28	117	292791	45.10	ng	#	90
19) n-Nitroso-di-n-propylamine	7.18	70	515363	43.82	ng	#	73
20) 3+4-Methylphenols	7.20	107	738189	47.74	ng		89
22) Acetophenone	7.17	105	1033365	45.96	ng	#	99
24) Nitrobenzene	7.36	77	803689	47.17	ng	#	87
25) Isophorone	7.60	82	1434397	44.64	ng		98
26) 2-Nitrophenol	7.66	139	371796	47.94	ng	#	82
27) 2,4-Dimethylphenol	7.72	122	700261	44.61	ng		89
28) bis(2-Chloroethoxy)methane	7.80	93	866820	44.17	ng		98
29) 2,4-Dichlorophenol	7.92	162	630453	48.22	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	627995	46.52	ng		97
31) Naphthalene	8.06	128	2155746	50.82	ng		99
32) Benzoic acid	7.86	122	441766	44.30	ng		95
33) 4-Chloroaniline	8.14	127	52098	2.68	ng		96
34) Hexachlorobutadiene	8.19	225	366221	47.19	ng		99
35) Caprolactam	8.51	113	185269m	42.03	ng		
36) 4-Chloro-3-methylphenol	8.62	107	704341	48.09	ng		97
37) 2-Methylnaphthalene	8.76	142	1442375	47.36	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	563516	42.21	ng		98
40) Hexachlorocyclopentadiene	8.91	237	608889	75.54	ng		97

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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	455618	45.61	ng		93
43) 2,4,5-Trichlorophenol	9.09	196	410411	42.86	ng	#	86
45) 1,1'-Biphenyl	9.23	154	1752222	47.47	ng		98
46) 2-Chloronaphthalene	9.25	162	1320286	45.54	ng	#	89
47) 2-Nitroaniline	9.36	65	457377	47.80	ng	#	71
48) Acenaphthylene	9.66	152	1923057	44.89	ng		97
49) Dimethylphthalate	9.54	163	1511547	45.53	ng	#	90
50) 2,6-Dinitrotoluene	9.60	165	334923	45.99	ng	#	60
51) Acenaphthene	9.84	154	1328797	46.25	ng		97
52) 3-Nitroaniline	9.76	138	95573	10.59	ng		98
53) 2,4-Dinitrophenol	9.87	184	352313	112.08	ng	#	80
54) Dibenzofuran	10.01	168	1651873	44.35	ng		91
55) 4-Nitrophenol	9.95	139	593090	90.55	ng		89
56) 2,4-Dinitrotoluene	10.00	165	422532	45.85	ng	#	72
57) Fluorene	10.35	166	1330607	46.31	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	383522	46.91	ng		88
59) Diethylphthalate	10.24	149	1460627	44.62	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	602953	50.65	ng	#	80
61) 4-Nitroaniline	10.38	138	365342	45.42	ng		90
62) Azobenzene	10.50	77	1589153	44.26	ng		87
64) 4,6-Dinitro-2-methylphenol	10.41	198	257915	51.40	ng		86
65) n-Nitrosodiphenylamine	10.46	169	1158030	43.40	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	390251	43.45	ng	#	76
67) Hexachlorobenzene	10.90	284	484643	47.94	ng	#	92
68) Atrazine	11.00	200	404350	46.31	ng		98
69) Pentachlorophenol	11.09	266	465694	88.84	ng		97
70) Phenanthrene	11.31	178	2140961	49.04	ng		95
71) Anthracene	11.36	178	1979090	46.25	ng		98
72) Carbazole	11.52	167	1666336	39.83	ng		98
73) Di-n-butylphthalate	11.86	149	2371758	56.95	ng	#	97
74) Fluoranthene	12.49	202	2121234	46.52	ng		98
76) Benzidine	12.61	184	207837	10.42	ng		97
77) Pyrene	12.72	202	2056349	47.10	ng		98
79) Butylbenzylphthalate	13.34	149	910569	48.19	ng		90
80) Benzo(a)anthracene	13.91	228	1592689	48.75	ng		97
81) 3,3'-Dichlorobenzidine	13.87	252	191916	16.83	ng	#	95
82) Chrysene	13.94	228	1513214	48.20	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1121608	46.99	ng	#	91
84) Di-n-octyl phthalate	14.52	149	1910012	47.40	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.65	276	1344987	54.05	ng		99
87) Benzo(b)fluoranthene	14.92	252	1371473m	44.87	ng		
88) Benzo(k)fluoranthene	14.95	252	1234527m	49.38	ng		
89) Benzo(a)pyrene	15.25	252	1233003	47.56	ng	#	96
90) Dibenzo(a,h)anthracene	16.67	278	1103241	49.45	ng	#	95
91) Benzo(g,h,i)perylene	17.06	276	1156081	50.04	ng		96

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

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