Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085046.D
Acq On : 12 Feb 2016 7:26
Operator : SJ/IZ
Sample : H1361-03MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED
Sohil
2/12/2016 12:31:50 PM

Quant Time: Feb 12 08:22:55 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	144049	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	592854	20.00	ng		-0.02
38) Acenaphthene-d10	9.64	164	275062	20.00	ng		-0.02
63) Phenanthrene-d10	11.13	188	519345	20.00	ng		-0.01
75) Chrysene-d12	13.76	240	310323	20.00	ng		-0.01
86) Perylene-d12	15.11	264	293555	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1136500	122.89	ng		0.01
7) Phenol-d6	6.27	99	1417185	123.61	ng		-0.01
23) Nitrobenzene-d5	7.19	82	999551	94.98	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	430569	150.07	ng		-0.01
44) 2-Fluorobiphenyl	8.98	172	1696724	120.88	ng		-0.01
78) Terphenyl-d14	12.72	244	1638838	119.67	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	155119	38.29	ng	#	68
3) Pyridine	2.83	79	305394	28.93	ng	#	78
4) n-Nitrosodimethylamine	2.78	42	233597	42.79	ng		87
6) Aniline	6.27	93	184210	13.13	ng	#	44
8) 2-Chlorophenol	6.40	128	476449	45.51	ng		93
9) Benzaldehyde	6.16	77	97170	14.35	ng		92
10) Phenol	6.28	94	465015	36.21	ng		97
11) bis(2-Chloroethyl)ether	6.36	93	464936	46.42	ng		94
12) 1,3-Dichlorobenzene	6.55	146	459765	41.57	ng	#	95
13) 1,4-Dichlorobenzene	6.63	146	479668	43.38	ng		95
14) 1,2-Dichlorobenzene	6.78	146	402630	39.10	ng		94
15) Benzyl Alcohol	6.78	79	395299	49.93	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	685162	40.67	ng		78
17) 2-Methylphenol	6.89	107	363476	43.90	ng	#	91
18) Hexachloroethane	7.12	117	178262	41.87	ng		96
19) n-Nitroso-di-n-propylamine	7.04	70	331841	46.17	ng	#	72
20) 3+4-Methylphenols	7.05	107	478409	46.56	ng		87
22) Acetophenone	7.04	105	687028	43.97	ng	#	94
24) Nitrobenzene	7.21	77	482934	42.85	ng	#	84
25) Isophorone	7.45	82	924663	45.18	ng		97
26) 2-Nitrophenol	7.52	139	236568	42.56	ng	#	84
27) 2,4-Dimethylphenol	7.58	122	430804	44.56	ng		95
28) bis(2-Chloroethoxy)methane	7.67	93	601721	49.56	ng		99
29) 2,4-Dichlorophenol	7.77	162	399680	48.32	ng		100
30) 1,2,4-Trichlorobenzene	7.84	180	388178	41.55	ng		97
31) Naphthalene	7.92	128	1296329	43.59	ng		100
32) Benzoic acid	7.71	122	160492	25.95	ng		99
33) 4-Chloroaniline	7.98	127	115876	9.42	ng		94
34) Hexachlorobutadiene	8.04	225	233751	43.39	ng		99
35) Caprolactam	8.36	113	102224	40.09	ng	#	50
36) 4-Chloro-3-methylphenol	8.48	107	428439	45.40	ng		94
37) 2-Methylnaphthalene	8.62	142	953540	51.23	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	351688	40.26	ng		98
40) Hexachlorocyclopentadiene	8.76	237	263321	71.42	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	270303	48.03	ng		97
43) 2,4,5-Trichlorophenol	8.95	196	255829	44.74	ng	#	84
45) 1,1'-Biphenyl	9.08	154	1072458	43.65	ng		95
46) 2-Chloronaphthalene	9.10	162	761338	42.08	ng		97
47) 2-Nitroaniline	9.21	65	286457	50.00	ng	#	70
48) Acenaphthylene	9.51	152	1154917	42.06	ng		98
49) Dimethylphthalate	9.39	163	944034	45.06	ng	#	90
50) 2,6-Dinitrotoluene	9.45	165	192709	42.11	ng	#	52
51) Acenaphthene	9.68	154	733233	41.05	ng		98
52) 3-Nitroaniline	9.61	138	100687	19.58	ng		96
53) 2,4-Dinitrophenol	9.74	184	71937	37.39	ng	#	85
54) Dibenzofuran	9.85	168	1069662	49.00	ng		91
55) 4-Nitrophenol	9.80	139	223796	59.21	ng	#	77
56) 2,4-Dinitrotoluene	9.86	165	268920	46.07	ng	#	73
57) Fluorene	10.19	166	775927	42.56	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	210208	48.29	ng		88
59) Diethylphthalate	10.09	149	923045	45.12	ng		99
60) 4-Chlorophenyl-phenylether	10.19	204	382569	50.90	ng		96
61) 4-Nitroaniline	10.24	138	224631	44.82	ng	#	81
62) Azobenzene	10.35	77	1008060	51.25	ng		92
64) 4,6-Dinitro-2-methylphenol	10.26	198	84260	26.29	ng	#	60
65) n-Nitrosodiphenylamine	10.32	169	790013	47.91	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	273627	47.70	ng		96
67) Hexachlorobenzene	10.74	284	271029	43.36	ng	#	88
68) Atrazine	10.86	200	284320	54.60	ng		95
69) Pentachlorophenol	10.95	266	204360	69.57	ng		99
70) Phenanthrene	11.15	178	1346565	46.75	ng		98
71) Anthracene	11.20	178	1275472	43.94	ng		99
72) Carbazole	11.37	167	1186703	46.89	ng	#	97
73) Di-n-butylphthalate	11.70	149	1319558	40.95	ng	#	96
74) Fluoranthene	12.33	202	1149037	39.41	ng		99
76) Benzidine	12.47	184	87934	12.38	ng		97
77) Pyrene	12.56	202	1196759	50.37	ng		98
79) Butylbenzylphthalate	13.20	149	562113	52.15	ng	#	81
80) Benzo(a)anthracene	13.75	228	935450	48.57	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	105332	15.45	ng	#	98
82) Chrysene	13.78	228	828263m	44.35	ng		
83) Bis(2-ethylhexyl)phthalate	13.76	149	730867	54.49	ng	#	97
84) Di-n-octyl phthalate	14.37	149	1088559	49.19	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.37	276	881277	59.95	ng		98
87) Benzo(b)fluoranthene	14.75	252	1033776m	52.41	ng		
88) Benzo(k)fluoranthene	14.78	252	587821m	36.04	ng		
89) Benzo(a)pyrene	15.06	252	775296	46.13	ng		98
90) Dibenzo(a,h)anthracene	16.38	278	739185	52.25	ng	#	96
91) Benzo(g,h,i)perylene	16.74	276	747747	52.47	ng	#	94

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

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