Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087508.D
Acq On : 29 May 2016 7:44
Operator : UM/SJ
Sample : H3272-08MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11BMSD

Manual Integrations APPROVED
sohil
5/31/2016 7:38:00 PM

Quant Time: May 30 04:39:58 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 30 04:10:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	101809	20.00	ng		0.00
21) Naphthalene-d8	9.50	136	406338	20.00	ng		-0.01
38) Acenaphthene-d10	12.33	164	189872	20.00	ng		0.00
63) Phenanthrene-d10	14.73	188	352023	20.00	ng		0.00
75) Chrysene-d12	18.43	240	251703	20.00	ng		0.00
86) Perylene-d12	20.11	264	193133	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	364991	63.00	ng		0.02
7) Phenol-d6	7.03	99	300192	38.34	ng		-0.01
23) Nitrobenzene-d5	8.39	82	739369	91.70	ng		-0.01
41) 2,4,6-Tribromophenol	13.63	330	241074	132.12	ng		0.00
44) 2-Fluorobiphenyl	11.28	172	1195354	88.75	ng		-0.01
78) Terphenyl-d14	17.09	244	1016359	85.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.82	88	51913	16.98	ng	#	51
3) Pyridine	2.43	79	94483	14.14	ng	#	62
4) n-Nitrosodimethylamine	2.38	42	92706	18.00	ng	#	44
6) Aniline	6.97	93	260194	25.69	ng		95
8) 2-Chlorophenol	7.15	128	264239	36.57	ng		92
9) Benzaldehyde	6.83	77	38853	8.99	ng		95
10) Phenol	7.05	94	129550	15.15	ng	#	63
11) bis(2-Chloroethyl)ether	7.11	93	302750	43.75	ng		86
12) 1,3-Dichlorobenzene	7.36	146	286442	36.35	ng	#	90
13) 1,4-Dichlorobenzene	7.50	146	294961	36.46	ng		96
14) 1,2-Dichlorobenzene	7.72	146	285772	38.19	ng		97
15) Benzyl Alcohol	7.77	79	201882	35.37	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	7.96	45	626516	40.24	ng		86
17) 2-Methylphenol	8.00	107	182400	31.50	ng	#	89
18) Hexachloroethane	8.24	117	108774	36.04	ng		92
19) n-Nitroso-di-n-propylamine	8.19	70	270330	46.30	ng	#	71
20) 3+4-Methylphenols	8.26	107	200159	28.59	ng	#	60
22) Acetophenone	8.16	105	477276	49.17	ng	#	97
24) Nitrobenzene	8.42	77	388514	45.65	ng		97
25) Isophorone	8.81	82	671866	46.46	ng		99
26) 2-Nitrophenol	8.92	139	159281	45.78	ng	#	70
27) 2,4-Dimethylphenol	9.07	122	245887	40.72	ng		87
28) bis(2-Chloroethoxy)methane	9.20	93	395131	48.51	ng		99
29) 2,4-Dichlorophenol	9.35	162	247260	45.43	ng		98
30) 1,2,4-Trichlorobenzene	9.43	180	261370	41.95	ng		95
31) Naphthalene	9.53	128	882102	43.32	ng		99
32) Benzoic acid	9.36	122	31253	14.65	ng	#	75
33) 4-Chloroaniline	9.69	127	209448	27.93	ng	#	92
34) Hexachlorobutadiene	9.75	225	142769	37.70	ng		98
35) Caprolactam	10.33	113	12236	7.70	ng	#	60
36) 4-Chloro-3-methylphenol	10.55	107	249984	40.63	ng		94
37) 2-Methylnaphthalene	10.66	142	600615	47.22	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	263013	43.27	ng		98
40) Hexachlorocyclopentadiene	10.90	237	115562	50.20	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.16	196	153810	43.84	ng		94
43) 2,4,5-Trichlorophenol	11.26	196	143574	40.19	ng	#	90
45) 1,1'-Biphenyl	11.43	154	746736	46.71	ng		97
46) 2-Chloronaphthalene	11.44	162	550788	45.03	ng	#	89
47) 2-Nitroaniline	11.67	65	220416	50.02	ng	#	72
48) Acenaphthylene	12.10	152	894371	46.19	ng		99
49) Dimethylphthalate	11.99	163	701691	46.13	ng		99
50) 2,6-Dinitrotoluene	12.08	165	144125	47.03	ng	#	68
51) Acenaphthene	12.38	154	539016	45.29	ng		97
52) 3-Nitroaniline	12.35	138	87307	27.76	ng	#	73
53) 2,4-Dinitrophenol	12.57	184	110925	71.48	ng	#	85
54) Dibenzofuran	12.67	168	817126	50.71	ng		97
55) 4-Nitrophenol	12.81	139	31781	21.18	ng	#	65
56) 2,4-Dinitrotoluene	12.74	165	206142	50.33	ng	#	79
57) Fluorene	13.22	166	657968	47.09	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.91	232	126989	46.21	ng		98
59) Diethylphthalate	13.13	149	681854	46.11	ng		99
60) 4-Chlorophenyl-phenylether	13.25	204	306225	44.94	ng		99
61) 4-Nitroaniline	13.36	138	132129	45.01	ng	#	63
62) Azobenzene	13.51	77	805084	52.48	ng		86
64) 4,6-Dinitro-2-methylphenol	13.42	198	83729	37.41	ng	#	72
65) n-Nitrosodiphenylamine	13.46	169	549787	48.29	ng		99
66) 4-Bromophenyl-phenylether	14.03	248	177118	45.99	ng		97
67) Hexachlorobenzene	14.10	284	182595	45.33	ng	#	65
68) Atrazine	14.39	200	170312	46.93	ng		93
69) Pentachlorophenol	14.48	266	83801	67.95	ng		99
70) Phenanthrene	14.77	178	944400	48.43	ng		100
71) Anthracene	14.86	178	976347	49.57	ng		99
72) Carbazole	15.15	167	861468	51.28	ng		99
73) Di-n-butylphthalate	15.73	149	1078593	49.64	ng		99
74) Fluoranthene	16.54	202	965650	49.39	ng		93
76) Benzidine	16.79	184	79923	12.34	ng		97
77) Pyrene	16.83	202	922237	50.90	ng		99
79) Butylbenzylphthalate	17.75	149	410276	51.06	ng	#	70
80) Benzo(a)anthracene	18.42	228	676665	47.26	ng		99
81) 3,3'-Dichlorobenzidine	18.41	252	107920	13.64	ng		98
82) Chrysene	18.47	228	671975	47.29	ng		100
83) Bis(2-ethylhexyl)phthalate	18.49	149	555101	47.35	ng	#	95
84) Di-n-octyl phthalate	19.27	149	876168	49.00	ng	#	88
85) Indeno(1,2,3-cd)pyrene	21.33	276	595570	52.29	ng		94
87) Benzo(b)fluoranthene	19.70	252	527645m	42.89	ng		
88) Benzo(k)fluoranthene	19.73	252	583803m	55.13	ng		
89) Benzo(a)pyrene	20.06	252	533242	50.12	ng	#	98
90) Dibenzo(a,h)anthracene	21.33	278	502430	55.36	ng	#	94
91) Benzo(g,h,i)perylene	21.68	276	496777	55.48	ng	#	89

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

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