Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087390.D
Acq On : 26 May 2016 1:55
Operator : UM/SJ
Sample : H3212-03MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DAY-1MS

Manual Integrations APPROVED
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5/26/2016 6:37:10 PM

Quant Time: May 26 14:30:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	109079	20.00	ng		0.00
21) Naphthalene-d8	9.55	136	414860	20.00	ng		0.00
38) Acenaphthene-d10	12.39	164	189781	20.00	ng		0.00
63) Phenanthrene-d10	14.80	188	258638	20.00	ng		0.02
75) Chrysene-d12	18.50	240	223434	20.00	ng		0.02
86) Perylene-d12	20.16	264	152308	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	512418	82.55	ng		0.03
7) Phenol-d6	7.10	99	419597	50.02	ng		0.02
23) Nitrobenzene-d5	8.44	82	840198	102.07	ng		0.00
41) 2,4,6-Tribromophenol	13.71	330	233724	128.16	ng		0.03
44) 2-Fluorobiphenyl	11.34	172	1259546	93.56	ng		0.00
78) Terphenyl-d14	17.15	244	702840	66.88	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	51137	15.61	ng	#	66
3) Pyridine	2.55	79	46857	6.54	ng	#	59
4) n-Nitrosodimethylamine	2.42	42	112888	20.46	ng	#	45
6) Aniline	7.10	93	34411	3.17	ng	#	1
8) 2-Chlorophenol	7.22	128	336000	43.40	ng		95
9) Benzaldehyde	6.83	77	94056	20.31	ng		96
10) Phenol	7.12	94	179920	19.64	ng	#	72
11) bis(2-Chloroethyl)ether	7.16	93	373586	50.39	ng		86
12) 1,3-Dichlorobenzene	7.42	146	376170m	44.55	ng		
13) 1,4-Dichlorobenzene	7.55	146	391378	45.15	ng		97
14) 1,2-Dichlorobenzene	7.78	146	384466	47.95	ng		97
15) Benzyl Alcohol	7.83	79	204679	33.47	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.02	45	771208	46.23	ng		85
17) 2-Methylphenol	8.06	107	230910	37.22	ng	#	90
18) Hexachloroethane	8.30	117	119384	36.92	ng		99
19) n-Nitroso-di-n-propylamine	8.25	70	321114	51.33	ng	#	68
20) 3+4-Methylphenols	8.32	107	273199	36.43	ng	#	59
22) Acetophenone	8.20	105	566022	57.11	ng	#	95
24) Nitrobenzene	8.47	77	447263	51.47	ng	#	94
25) Isophorone	8.88	82	768958	52.09	ng	#	98
26) 2-Nitrophenol	8.98	139	184800	52.03	ng	#	87
27) 2,4-Dimethylphenol	9.13	122	308122	49.97	ng		87
28) bis(2-Chloroethoxy)methane	9.26	93	461703	55.52	ng		94
29) 2,4-Dichlorophenol	9.40	162	284257	51.16	ng		98
30) 1,2,4-Trichlorobenzene	9.48	180	326840	51.38	ng		97
31) Naphthalene	9.59	128	1058421	50.91	ng		99
32) Benzoic acid	9.37	122	15741	10.18	ng	#	35
33) 4-Chloroaniline	9.77	127	23086	3.02	ng	#	81
34) Hexachlorobutadiene	9.80	225	183887	47.56	ng		99
36) 4-Chloro-3-methylphenol	10.62	107	300403	47.82	ng		89
37) 2-Methylnaphthalene	10.72	142	672381	51.77	ng		96
39) 1,2,4,5-Tetrachlorobenzene	10.99	216	278629	45.87	ng		98
40) Hexachlorocyclopentadiene	10.96	237	14964	14.74	ng		98
42) 2,4,6-Trichlorophenol	11.23	196	178889	51.02	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.32	196	170061	47.62	ng	#	84
45) 1,1'-Biphenyl	11.48	154	763355	47.77	ng		96
46) 2-Chloronaphthalene	11.51	162	553763	45.30	ng		96
47) 2-Nitroaniline	11.74	65	262585	59.62	ng	#	73
48) Acenaphthylene	12.16	152	809041	41.80	ng		99
49) Dimethylphthalate	12.06	163	676776	44.52	ng		99
50) 2,6-Dinitrotoluene	12.15	165	132364	43.21	ng	#	87
51) Acenaphthene	12.44	154	531239	44.66	ng		97
52) 3-Nitroaniline	12.38	138	8805	2.80	ng	#	51
53) 2,4-Dinitrophenol	12.57	184	1262	7.29	ng	#	1
54) Dibenzofuran	12.73	168	755442	46.91	ng		92
55) 4-Nitrophenol	12.73	139	329827	219.92	ng	#	30
56) 2,4-Dinitrotoluene	12.81	165	153564	37.51	ng	#	92
57) Fluorene	13.29	166	623649	44.66	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.00	232	129425m	47.12	ng		
59) Diethylphthalate	13.21	149	664942	44.99	ng		95
60) 4-Chlorophenyl-phenylether	13.32	204	283161	41.58	ng	#	87
61) 4-Nitroaniline	13.44	138	55094	18.78	ng	#	53
62) Azobenzene	13.58	77	731072	47.68	ng		90
64) 4,6-Dinitro-2-methylphenol	13.48	198	20814	12.66	ng	#	1
65) n-Nitrosodiphenylamine	13.54	169	491694	58.78	ng		99
66) 4-Bromophenyl-phenylether	14.10	248	152958	54.06	ng		91
67) Hexachlorobenzene	14.17	284	154052	52.06	ng	#	63
69) Pentachlorophenol	14.56	266	173485	180.24	ng		97
70) Phenanthrene	14.85	178	811946	56.68	ng		99
71) Anthracene	14.93	178	735968	50.85	ng		99
72) Carbazole	15.25	167	655496	53.10	ng	#	96
73) Di-n-butylphthalate	15.81	149	831556	52.09	ng	#	97
74) Fluoranthene	16.61	202	730084	50.82	ng		96
77) Pyrene	16.91	202	764274	47.52	ng		98
79) Butylbenzylphthalate	17.83	149	359487	50.40	ng	#	68
80) Benzo(a)anthracene	18.49	228	673661	53.01	ng		99
82) Chrysene	18.54	228	645408	51.17	ng		99
83) Bis(2-ethylhexyl)phthalate	18.56	149	505503	48.57	ng	#	97
84) Di-n-octyl phthalate	19.33	149	826143	52.05	ng	#	88
85) Indeno(1,2,3-cd)pyrene	21.39	276	447996	44.31	ng	#	93
87) Benzo(b)fluoranthene	19.76	252	581340m	59.92	ng		
88) Benzo(k)fluoranthene	19.78	252	452650m	54.20	ng		
89) Benzo(a)pyrene	20.10	252	450475	53.69	ng		98
90) Dibenzo(a,h)anthracene	21.39	278	384310	53.70	ng	#	92
91) Benzo(g,h,i)perylene	21.74	276	356321	50.46	ng		94

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

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