Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088035.D
Acq On : 15 Jun 2016 9:11
Operator : UM/SJ
Sample : H3446-01MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MSD

Manual Integrations APPROVED
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6/15/2016 6:40:52 PM

Quant Time: Jun 15 13:36:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	114833	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	451437	20.00	ng		-0.01
38) Acenaphthene-d10	9.83	164	211474	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	326724	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	278109	20.00	ng		-0.01
86) Perylene-d12	15.35	264	217252	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	667764	99.41	ng		0.01
7) Phenol-d6	6.43	99	788379	96.84	ng		0.00
23) Nitrobenzene-d5	7.35	82	583889	75.53	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	175753	78.71	ng		-0.01
44) 2-Fluorobiphenyl	9.15	172	958524	70.24	ng		-0.01
78) Terphenyl-d14	12.89	244	734876	60.13	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	88733	27.19	ng	#	87
3) Pyridine	3.13	79	232596m	30.18	ng		
4) n-Nitrosodimethylamine	3.06	42	106152	32.52	ng		82
6) Aniline	6.44	93	241150	20.81	ng	#	1
8) 2-Chlorophenol	6.57	128	294742	37.07	ng		93
10) Phenol	6.44	94	333280	39.34	ng		81
11) bis(2-Chloroethyl)ether	6.52	93	262614	36.79	ng		92
12) 1,3-Dichlorobenzene	6.72	146	279059	32.71	ng		99
13) 1,4-Dichlorobenzene	6.80	146	286908	33.39	ng		98
14) 1,2-Dichlorobenzene	6.96	146	280120	35.84	ng		99
15) Benzyl Alcohol	6.94	79	231848	36.40	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	368414	38.20	ng		90
17) 2-Methylphenol	7.05	107	231190	35.86	ng		98
18) Hexachloroethane	7.29	117	96496	31.65	ng	#	79
19) n-Nitroso-di-n-propylamine	7.21	70	207500	39.84	ng	#	86
20) 3+4-Methylphenols	7.21	107	277057	36.83	ng	#	81
22) Acetophenone	7.20	105	380974	37.76	ng	#	95
24) Nitrobenzene	7.37	77	297333	39.70	ng		90
25) Isophorone	7.61	82	556321	38.85	ng		99
26) 2-Nitrophenol	7.69	139	159608	39.79	ng	#	81
27) 2,4-Dimethylphenol	7.74	122	290144	39.28	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	364236	41.01	ng		97
29) 2,4-Dichlorophenol	7.93	162	232420	37.69	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	239943	35.73	ng		99
31) Naphthalene	8.09	128	835880	37.42	ng		100
32) Benzoic acid	7.87	122	163321	40.16	ng		93
33) 4-Chloroaniline	8.15	127	144690	14.50	ng	#	91
34) Hexachlorobutadiene	8.22	225	137693	38.88	ng		98
35) Caprolactam	8.52	113	70445	34.49	ng	#	73
36) 4-Chloro-3-methylphenol	8.64	107	238265	36.13	ng		99
37) 2-Methylnaphthalene	8.79	142	593435	40.30	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	232326	40.95	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	36473	10.69	ng		99
42) 2,4,6-Trichlorophenol	9.07	196	164800	38.97	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.12	196	169160	38.45	ng		97
45) 1,1'-Biphenyl	9.26	154	714119	44.99	ng		96
46) 2-Chloronaphthalene	9.28	162	549472	40.15	ng		94
47) 2-Nitroaniline	9.37	65	140113	34.71	ng		92
48) Acenaphthylene	9.69	152	830668	38.16	ng		99
49) Dimethylphthalate	9.56	163	667496	43.57	ng		98
50) 2,6-Dinitrotoluene	9.62	165	155658	44.37	ng		97
51) Acenaphthene	9.86	154	510219	37.57	ng		98
52) 3-Nitroaniline	9.78	138	79504	19.64	ng		89
53) 2,4-Dinitrophenol	9.90	184	44166	28.81	ng	#	71
54) Dibenzofuran	10.03	168	729517	39.01	ng		93
55) 4-Nitrophenol	9.95	139	168983	53.78	ng		92
56) 2,4-Dinitrotoluene	10.02	165	175036	38.82	ng	#	74
57) Fluorene	10.38	166	553135	43.62	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.15	232	121869	35.25	ng	#	56
59) Diethylphthalate	10.25	149	628074	40.50	ng		97
60) 4-Chlorophenyl-phenylether	10.36	204	212764	34.21	ng		94
61) 4-Nitroaniline	10.40	138	134701	35.08	ng		98
62) Azobenzene	10.52	77	562809	36.70	ng		96
64) 4,6-Dinitro-2-methylphenol	10.43	198	32580	17.42	ng	#	53
65) n-Nitrosodiphenylamine	10.49	169	510543	47.09	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	150483	42.93	ng	#	91
67) Hexachlorobenzene	10.92	284	158393	43.49	ng	#	78
68) Atrazine	11.02	200	122395	37.28	ng		93
69) Pentachlorophenol	11.12	266	155415	80.96	ng		98
70) Phenanthrene	11.34	178	766727	44.72	ng		99
71) Anthracene	11.38	178	677337	39.17	ng		100
72) Carbazole	11.54	167	731488	45.20	ng		99
73) Di-n-butylphthalate	11.87	149	838389	40.92	ng		100
74) Fluoranthene	12.51	202	651572	36.01	ng		97
76) Benzidine	12.64	184	405039	52.60	ng		99
77) Pyrene	12.74	202	676257	32.77	ng		100
79) Butylbenzylphthalate	13.37	149	374124	41.00	ng		97
80) Benzo(a)anthracene	13.93	228	570660	36.01	ng		100
81) 3,3'-Dichlorobenzidine	13.90	252	187853	44.08	ng	#	97
82) Chrysene	13.97	228	567995	38.10	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	440149	39.63	ng	#	99
84) Di-n-octyl phthalate	14.54	149	858348	47.56	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	472358	34.10	ng	#	100
87) Benzo(b)fluoranthene	14.95	252	535023m	35.33	ng		
88) Benzo(k)fluoranthene	14.98	252	558810m	48.92	ng		
89) Benzo(a)pyrene	15.29	252	493159	40.25	ng		99
90) Dibenzo(a,h)anthracene	16.72	278	395648	34.77	ng		99
91) Benzo(g,h,i)perylene	17.12	276	393056	33.58	ng		95

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

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