Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079496.D
Acq On : 27 May 2015 1:55
Operator : TP/IZ
Sample : G2289-13MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-31SMSD

Manual Integrations APPROVED
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5/27/2015 2:01:50 PM

Quant Time: May 27 03:03:58 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 01:32:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	74893	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	304704	20.00	ng		0.00
38) Acenaphthene-d10	10.76	164	152467	20.00	ng		0.00
63) Phenanthrene-d10	12.61	188	292833	20.00	ng		0.01
75) Chrysene-d12	15.89	240	323260	20.00	ng		0.01
86) Perylene-d12	17.61	264	341946	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	643079m	148.93	ng		0.00
7) Phenol-d6	6.62	99	819120	148.83	ng		0.00
23) Nitrobenzene-d5	7.72	82	495883	94.08	ng		0.01
41) 2,4,6-Tribromophenol	11.75	330	251002	149.88	ng		0.00
44) 2-Fluorobiphenyl	9.94	172	911715	85.31	ng		0.00
78) Terphenyl-d14	14.59	244	1116265	81.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	78442m	38.19	ng		
3) Pyridine	2.50	79	229281m	50.69	ng		
4) n-Nitrosodimethylamine	2.43	42	109864m	49.33	ng		
6) Aniline	6.62	93	174680m	22.36	ng		
8) 2-Chlorophenol	6.75	128	245322	48.81	ng		95
9) Benzaldehyde	6.47	77	42987m	11.55	ng		
10) Phenol	6.63	94	308260m	47.57	ng		
11) bis(2-Chloroethyl)ether	6.72	93	228384	48.72	ng		97
12) 1,3-Dichlorobenzene	6.94	146	254328	45.67	ng		96
13) 1,4-Dichlorobenzene	7.04	146	261529	46.04	ng		98
14) 1,2-Dichlorobenzene	7.22	146	247309	46.87	ng		99
15) Benzyl Alcohol	7.22	79	176211	43.57	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.39	45	334227	48.71	ng		98
17) 2-Methylphenol	7.38	107	192049	48.63	ng		98
18) Hexachloroethane	7.63	117	82811	42.35	ng		97
19) n-Nitroso-di-n-propylamine	7.55	70	178282	46.04	ng	#	87
20) 3+4-Methylphenols	7.58	107	259288	47.78	ng		97
22) Acetophenone	7.53	105	339101	49.67	ng	#	98
24) Nitrobenzene	7.75	77	245479	47.25	ng	#	81
25) Isophorone	8.04	82	464528	48.35	ng		97
26) 2-Nitrophenol	8.14	139	125165	50.89	ng		94
27) 2,4-Dimethylphenol	8.22	122	221679	50.14	ng		99
28) bis(2-Chloroethoxy)methane	8.33	93	297795	50.01	ng		99
29) 2,4-Dichlorophenol	8.44	162	211503	52.22	ng		97
30) 1,2,4-Trichlorobenzene	8.54	180	206879	49.24	ng		94
31) Naphthalene	8.63	128	711837	48.68	ng		99
32) Benzoic acid	8.34	122	52563	19.16	ng		94
33) 4-Chloroaniline	8.71	127	154467	25.28	ng		99
34) Hexachlorobutadiene	8.78	225	113098	47.33	ng		98
35) Caprolactam	9.14	113	65577m	51.34	ng		
36) 4-Chloro-3-methylphenol	9.34	107	214015	50.95	ng	#	84
37) 2-Methylnaphthalene	9.48	142	502878	49.53	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	202615	47.51	ng	#	100
40) Hexachlorocyclopentadiene	9.67	237	21292	27.94	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.85	196	140572	47.21	ng		98
43) 2,4,5-Trichlorophenol	9.90	196	148078	49.96	ng	#	90
45) 1,1'-Biphenyl	10.07	154	585746	49.19	ng		99
46) 2-Chloronaphthalene	10.08	162	438824	46.66	ng		96
47) 2-Nitroaniline	10.23	65	138322	49.46	ng	#	53
48) Acenaphthylene	10.59	152	738515	47.31	ng		99
49) Dimethylphthalate	10.47	163	619299	55.13	ng		99
50) 2,6-Dinitrotoluene	10.54	165	112684	50.21	ng	#	77
51) Acenaphthene	10.81	154	437480	49.01	ng		99
52) 3-Nitroaniline	10.74	138	98679	33.80	ng	#	74
53) 2,4-Dinitrophenol	10.88	184	21554	35.12	ng	#	73
54) Dibenzofuran	11.02	168	666870	50.65	ng		98
55) 4-Nitrophenol	10.98	139	187625	115.90	ng		96
56) 2,4-Dinitrotoluene	11.04	165	155401	51.63	ng	#	71
57) Fluorene	11.45	166	548395	50.53	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.19	232	114608	53.13	ng	#	100
59) Diethylphthalate	11.34	149	527323	47.95	ng		96
60) 4-Chlorophenyl-phenylether	11.46	204	228185	48.66	ng	#	82
61) 4-Nitroaniline	11.50	138	117589	43.24	ng		86
62) Azobenzene	11.66	77	570290	53.32	ng		89
64) 4,6-Dinitro-2-methylphenol	11.54	198	30527	24.61	ng		81
65) n-Nitrosodiphenylamine	11.61	169	456493	46.94	ng		99
66) 4-Bromophenyl-phenylether	12.06	248	147322	48.86	ng	#	86
67) Hexachlorobenzene	12.12	284	165741	48.21	ng	#	86
68) Atrazine	12.28	200	137212	52.22	ng		97
69) Pentachlorophenol	12.38	266	155388	117.98	ng		97
70) Phenanthrene	12.63	178	929912	57.88	ng		99
71) Anthracene	12.70	178	825549	50.62	ng		98
72) Carbazole	12.91	167	818685	52.14	ng		97
73) Di-n-butylphthalate	13.36	149	872664	49.92	ng		99
74) Fluoranthene	14.10	202	1020582	59.24	ng		93
76) Benzidine	14.30	184	365980	52.86	ng		98
77) Pyrene	14.39	202	1062876	53.07	ng		99
79) Butylbenzylphthalate	15.22	149	431964	47.96	ng		91
80) Benzo(a)anthracene	15.87	228	940821	50.59	ng		100
81) 3,3'-Dichlorobenzidine	15.85	252	302619	44.44	ng	#	97
82) Chrysene	15.92	228	866579	49.03	ng		99
83) Bis(2-ethylhexyl)phthalate	15.94	149	609143	47.21	ng	#	96
84) Di-n-octyl phthalate	16.73	149	1055163	46.99	ng		100
85) Indeno(1,2,3-cd)pyrene	18.94	276	1090022	47.94	ng		99
87) Benzo(b)fluoranthene	17.17	252	1051130	53.90	ng	#	96
88) Benzo(k)fluoranthene	17.20	252	813972m	46.67	ng		
89) Benzo(a)pyrene	17.55	252	932761	54.97	ng		98
90) Dibenzo(a,h)anthracene	18.96	278	876329	49.12	ng		96
91) Benzo(g,h,i)perylene	19.34	276	926712	51.55	ng	#	94

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

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