Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077794.D
Acq On : 18 Mar 2015 11:18
Operator : TP/IZ
Sample : G1544-08MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12(13-15)MSD

Manual Integrations APPROVED
mohammad
3/20/2015 1:47:59 PM

Quant Time: Mar 19 01:31:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 13:16:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	42443	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	165734	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	81249	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	160901	20.00	ng		0.00
75) Chrysene-d12	16.04	240	169512	20.00	ng		-0.09
86) Perylene-d12	17.80	264	160887	20.00	ng		-0.30
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	333294	137.07	ng		0.01
7) Phenol-d6	6.73	99	416887	138.77	ng		0.00
23) Nitrobenzene-d5	7.86	82	248661	98.35	ng		0.00
41) 2,4,6-Tribromophenol	11.89	330	103687	133.38	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	543650	98.33	ng		0.00
78) Terphenyl-d14	14.74	244	578913m	83.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	40611	36.79	ng	#	100
3) Pyridine	2.75	79	97852	32.99	ng		99
4) n-Nitrosodimethylamine	2.67	42	52621	40.74	ng		89
6) Aniline	6.75	93	58881	13.70	ng	#	10
8) 2-Chlorophenol	6.89	128	128716	44.47	ng		100
9) Benzaldehyde	6.60	77	8806	7.15	ng		92
10) Phenol	6.74	94	148239	41.74	ng		88
11) bis(2-Chloroethyl)ether	6.85	93	120863	45.44	ng		97
12) 1,3-Dichlorobenzene	7.08	146	135848	42.20	ng		99
13) 1,4-Dichlorobenzene	7.18	146	134009	40.06	ng		99
14) 1,2-Dichlorobenzene	7.37	146	128018	41.75	ng		100
15) Benzyl Alcohol	7.34	79	101140	43.13	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.53	45	156649	43.70	ng		99
17) 2-Methylphenol	7.49	107	100665	42.72	ng		97
18) Hexachloroethane	7.78	117	45587	41.56	ng		99
19) n-Nitroso-di-n-propylamine	7.68	70	82635	39.76	ng		95
20) 3+4-Methylphenols	7.69	107	133133	43.06	ng		95
22) Acetophenone	7.68	105	176896	48.21	ng	#	92
24) Nitrobenzene	7.88	77	124663	45.77	ng	#	78
25) Isophorone	8.18	82	231372	45.31	ng		99
26) 2-Nitrophenol	8.27	139	63346	47.50	ng		94
27) 2,4-Dimethylphenol	8.34	122	116188	47.83	ng		97
28) bis(2-Chloroethoxy)methane	8.46	93	147257	47.51	ng		98
29) 2,4-Dichlorophenol	8.57	162	107785	46.55	ng		96
30) 1,2,4-Trichlorobenzene	8.67	180	112056	43.25	ng		99
31) Naphthalene	8.76	128	367144	43.13	ng		99
32) Benzoic acid	8.45	122	51229	38.46	ng		94
33) 4-Chloroaniline	8.84	127	59276	17.16	ng		97
34) Hexachlorobutadiene	8.92	225	63323	43.12	ng		99
35) Caprolactam	9.26	113	32877	48.58	ng		89
36) 4-Chloro-3-methylphenol	9.45	107	108876	46.73	ng		84
37) 2-Methylnaphthalene	9.62	142	259510	45.38	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	108220	44.66	ng	#	100
40) Hexachlorocyclopentadiene	9.81	237	104195	85.66	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	74381	44.31	ng		98
43) 2,4,5-Trichlorophenol	10.02	196	79937	44.08	ng	#	86
45) 1,1'-Biphenyl	10.20	154	301562	46.43	ng		97
46) 2-Chloronaphthalene	10.22	162	241880	45.83	ng		97
47) 2-Nitroaniline	10.35	65	62633	47.78	ng	#	82
48) Acenaphthylene	10.73	152	372142	42.40	ng		99
49) Dimethylphthalate	10.59	163	286712	47.58	ng		99
50) 2,6-Dinitrotoluene	10.67	165	63832	51.10	ng	#	73
51) Acenaphthene	10.94	154	215173	42.76	ng		100
52) 3-Nitroaniline	10.86	138	37839	26.08	ng		85
53) 2,4-Dinitrophenol	11.00	184	44791	95.83	ng	#	80
54) Dibenzofuran	11.16	168	333744	44.71	ng		95
55) 4-Nitrophenol	11.09	139	106817	99.40	ng		96
56) 2,4-Dinitrotoluene	11.16	165	84474	51.86	ng	#	81
57) Fluorene	11.59	166	274634	44.31	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	63796	45.69	ng	#	100
59) Diethylphthalate	11.47	149	265731	45.26	ng		97
60) 4-Chlorophenyl-phenylether	11.60	204	127003	44.90	ng		91
61) 4-Nitroaniline	11.62	138	60786	42.04	ng		82
62) Azobenzene	11.79	77	249529	44.47	ng		94
64) 4,6-Dinitro-2-methylphenol	11.67	198	31966	42.61	ng	#	72
65) n-Nitrosodiphenylamine	11.75	169	244308	45.60	ng		100
66) 4-Bromophenyl-phenylether	12.20	248	73047	42.54	ng	#	85
67) Hexachlorobenzene	12.26	284	82475	43.71	ng	#	90
68) Atrazine	12.42	200	71628	47.71	ng		93
69) Pentachlorophenol	12.51	266	86819	87.55	ng		98
70) Phenanthrene	12.77	178	400716	43.38	ng		98
71) Anthracene	12.84	178	421803	46.22	ng		100
72) Carbazole	13.05	167	404210	46.56	ng		99
73) Di-n-butylphthalate	13.51	149	440203	45.22	ng		99
74) Fluoranthene	14.25	202	435687	42.76	ng		95
76) Benzidine	14.43	184	149737m	35.66	ng		
77) Pyrene	14.53	202	467044m	43.82	ng		
79) Butylbenzylphthalate	15.37	149	189172	45.01	ng		99
80) Benzo(a)anthracene	16.02	228	445969	44.38	ng		100
81) 3,3'-Dichlorobenzidine	16.01	252	111650	33.68	ng		97
82) Chrysene	16.07	228	425096	47.05	ng		98
83) Bis(2-ethylhexyl)phthalate	16.09	149	288973	45.39	ng	#	94
84) Di-n-octyl phthalate	16.90	149	451260m	41.46	ng		
85) Indeno(1,2,3-cd)pyrene	19.21	276	483629m	42.89	ng		
87) Benzo(b)fluoranthene	17.35	252	442245m	42.11	ng		
88) Benzo(k)fluoranthene	17.38	252	417299m	50.86	ng		
89) Benzo(a)pyrene	17.75	252	417117	47.60	ng		99
90) Dibenzo(a,h)anthracene	19.24	278	405648m	46.67	ng		
91) Benzo(g,h,i)perylene	19.63	276	405459m	45.82	ng		

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

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