Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077612.D
Acq On : 5 Mar 2015 8:18
Operator : TP/IZ
Sample : G1332-02MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA-2MSD

Manual Integrations APPROVED
mohammad
3/5/2015 2:11:39 PM

Quant Time: Mar 05 12:47:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 13:27:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	100524	20.00	ng		0.00
21) Naphthalene-d8	8.80	136	410179	20.00	ng		0.00
38) Acenaphthene-d10	10.97	164	206375	20.00	ng		0.00
63) Phenanthrene-d10	12.82	188	393391	20.00	ng		0.00
75) Chrysene-d12	16.12	240	361643	20.00	ng		0.01
86) Perylene-d12	17.87	264	343405	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	427840	71.05	ng		0.00
7) Phenol-d6	6.79	99	547973	70.78	ng		0.00
23) Nitrobenzene-d5	7.92	82	322653	48.92	ng		0.00
41) 2,4,6-Tribromophenol	11.96	330	133794	67.33	ng		0.00
44) 2-Fluorobiphenyl	10.15	172	641442	48.46	ng		0.00
78) Terphenyl-d14	14.82	244	664297	42.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	50803	19.88	ng		96
3) Pyridine	2.91	79	114379	15.65	ng		95
4) n-Nitrosodimethylamine	2.80	42	59080	18.59	ng		94
6) Aniline	6.82	93	58239	5.44	ng	#	85
8) 2-Chlorophenol	6.96	128	154164	21.70	ng		93
9) Benzaldehyde	6.67	77	28760	6.12	ng		94
10) Phenol	6.81	94	200137	21.79	ng		91
11) bis(2-Chloroethyl)ether	6.91	93	133274	20.19	ng		87
12) 1,3-Dichlorobenzene	7.15	146	166746	21.56	ng	#	92
13) 1,4-Dichlorobenzene	7.25	146	161093	20.47	ng		96
14) 1,2-Dichlorobenzene	7.43	146	154173	20.60	ng		96
15) Benzyl Alcohol	7.41	79	118328	20.11	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.58	45	198703	21.06	ng		97
17) 2-Methylphenol	7.55	107	117072	21.09	ng		96
18) Hexachloroethane	7.85	117	50739	19.31	ng		97
19) n-Nitroso-di-n-propylamine	7.74	70	104667	21.29	ng	#	88
20) 3+4-Methylphenols	7.75	107	157352	21.52	ng	#	73
22) Acetophenone	7.73	105	211083	21.88	ng	#	84
24) Nitrobenzene	7.94	77	155951	22.47	ng		90
25) Isophorone	8.24	82	281918	21.54	ng		94
26) 2-Nitrophenol	8.33	139	62447	21.95	ng	#	88
27) 2,4-Dimethylphenol	8.40	122	134783	21.18	ng		98
28) bis(2-Chloroethoxy)methane	8.52	93	177224	21.44	ng		99
29) 2,4-Dichlorophenol	8.63	162	126147	21.12	ng		98
30) 1,2,4-Trichlorobenzene	8.73	180	129719	19.75	ng		97
31) Naphthalene	8.83	128	435452	21.23	ng		99
32) Benzoic acid	8.50	122	45627	14.75	ng		93
33) 4-Chloroaniline	8.90	127	68222	7.48	ng	#	92
34) Hexachlorobutadiene	8.98	225	75597	20.16	ng		99
35) Caprolactam	9.33	113	37071	20.33	ng		98
36) 4-Chloro-3-methylphenol	9.51	107	127160	21.17	ng		90
37) 2-Methylnaphthalene	9.69	142	315147	21.63	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.89	216	133707	22.58	ng		98
40) Hexachlorocyclopentadiene	9.88	237	34026	10.72	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.04	196	90772	23.15	ng		97
43) 2,4,5-Trichlorophenol	10.09	196	96818	23.09	ng		96
45) 1,1'-Biphenyl	10.27	154	357673	22.88	ng		99
46) 2-Chloronaphthalene	10.29	162	274820	22.41	ng		94
47) 2-Nitroaniline	10.42	65	86055	28.51	ng	#	79
48) Acenaphthylene	10.80	152	436328	22.48	ng		99
49) Dimethylphthalate	10.66	163	355755	24.52	ng		98
50) 2,6-Dinitrotoluene	10.73	165	67334	23.15	ng	#	64
51) Acenaphthene	11.01	154	256563	22.15	ng		100
52) 3-Nitroaniline	10.93	138	65554	19.54	ng	#	79
53) 2,4-Dinitrophenol	11.06	184	6311	7.13	ng	#	49
54) Dibenzofuran	11.23	168	401986	22.48	ng		100
55) 4-Nitrophenol	11.15	139	126611	46.93	ng		83
56) 2,4-Dinitrotoluene	11.22	165	80850	20.57	ng	#	57
57) Fluorene	11.65	166	324593	22.70	ng		97
58) 2,3,4,6-Tetrachlorophenol	11.38	232	76058	22.56	ng	#	94
59) Diethylphthalate	11.53	149	317393	22.19	ng		96
60) 4-Chlorophenyl-phenylether	11.66	204	147401	21.39	ng		95
61) 4-Nitroaniline	11.68	138	76972	23.94	ng		93
62) Azobenzene	11.86	77	308360	22.73	ng		98
64) 4,6-Dinitro-2-methylphenol	11.73	198	6373	7.46	ng	#	1
65) n-Nitrosodiphenylamine	11.81	169	300688	23.04	ng		100
66) 4-Bromophenyl-phenylether	12.27	248	91505	19.86	ng		97
67) Hexachlorobenzene	12.33	284	92093	18.63	ng	#	91
68) Atrazine	12.49	200	89447	21.08	ng		96
69) Pentachlorophenol	12.58	266	100267	38.58	ng		99
70) Phenanthrene	12.85	178	508575	22.31	ng		98
71) Anthracene	12.91	178	467386	20.66	ng		99
72) Carbazole	13.12	167	438361	20.38	ng		98
73) Di-n-butylphthalate	13.57	149	504724	19.98	ng		99
74) Fluoranthene	14.33	202	489154	19.64	ng		97
76) Benzidine	14.51	184	187465	15.34	ng	#	90
77) Pyrene	14.61	202	508911	23.00	ng		98
79) Butylbenzylphthalate	15.44	149	200486	22.03	ng		88
80) Benzo(a)anthracene	16.11	228	464008	21.89	ng		99
81) 3,3'-Dichlorobenzidine	16.08	252	71894	9.26	ng	#	91
82) Chrysene	16.15	228	417262	20.97	ng		98
83) Bis(2-ethylhexyl)phthalate	16.16	149	294642	20.19	ng		96
84) Di-n-octyl phthalate	16.96	149	509211	20.90	ng	#	76
85) Indeno(1,2,3-cd)pyrene	19.31	276	509136	22.44	ng		98
87) Benzo(b)fluoranthene	17.42	252	461065	23.09	ng	#	82
88) Benzo(k)fluoranthene	17.45	252	353415m	18.06	ng		
89) Benzo(a)pyrene	17.80	252	406439	21.37	ng	#	87
90) Dibenzo(a,h)anthracene	19.33	278	415760	22.92	ng		97
91) Benzo(g,h,i)perylene	19.73	276	425808	23.26	ng		96

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

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