Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042015\
Data File : BF078667.D
Acq On : 21 Apr 2015 4:52
Operator : TP/IZ
Sample : G1943-01MSD 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-A-1MSD

Manual Integrations APPROVED
apatel
4/21/2015 5:04:08 PM

Quant Time: Apr 21 11:15:59 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 03:43:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	29224	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	122314	20.00	ng		-0.01
38) Acenaphthene-d10	11.20	164	62041	20.00	ng		-0.01
63) Phenanthrene-d10	13.93	188	118072	20.00	ng		-0.01
75) Chrysene-d12	17.79	240	125188	20.00	ng		-0.01
86) Perylene-d12	19.49	264	122164	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	3.87	112	32365	18.26	ng		0.00
7) Phenol-d6	5.36	99	48316	21.75	ng		0.00
23) Nitrobenzene-d5	6.79	82	28147	13.95	ng		-0.01
41) 2,4,6-Tribromophenol	12.67	330	12781	24.84	ng		-0.01
44) 2-Fluorobiphenyl	10.02	172	67848	15.63	ng		-0.01
78) Terphenyl-d14	16.46	244	81121	14.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.44	88	2420	3.02	ng	#	1
3) Pyridine	1.98	79	9026	4.30	ng	#	65
4) n-Nitrosodimethylamine	1.91	42	2483	3.07	ng	#	85
6) Aniline	5.35	93	14357	4.56	ng		92
8) 2-Chlorophenol	5.52	128	14825	7.07	ng		97
10) Phenol	5.38	94	18765	7.05	ng		92
11) bis(2-Chloroethyl)ether	5.48	93	13226	6.91	ng		98
12) 1,3-Dichlorobenzene	5.75	146	13838	6.01	ng		98
13) 1,4-Dichlorobenzene	5.88	146	14456	6.24	ng		95
14) 1,2-Dichlorobenzene	6.11	146	14085	6.48	ng		98
15) Benzyl Alcohol	6.14	79	11501	7.37	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.38	45	17581	6.89	ng		72
17) 2-Methylphenol	6.36	107	11984	7.36	ng		96
18) Hexachloroethane	6.66	117	4930	6.31	ng	#	78
19) n-Nitroso-di-n-propylamine	6.58	70	10617	7.24	ng		92
20) 3+4-Methylphenols	6.64	107	14563	6.71	ng		97
22) Acetophenone	6.55	105	20518	7.20	ng	#	88
24) Nitrobenzene	6.82	77	14697	6.97	ng	#	85
25) Isophorone	7.26	82	27468	7.17	ng		99
26) 2-Nitrophenol	7.38	139	6252	6.22	ng		92
27) 2,4-Dimethylphenol	7.54	122	13154	7.04	ng		96
28) bis(2-Chloroethoxy)methane	7.69	93	17268	7.03	ng		99
29) 2,4-Dichlorophenol	7.84	162	11673	6.86	ng		96
30) 1,2,4-Trichlorobenzene	7.94	180	13517	6.93	ng		96
31) Naphthalene	8.06	128	46238	7.26	ng		99
33) 4-Chloroaniline	8.22	127	15121	5.72	ng		99
34) Hexachlorobutadiene	8.31	225	7402	6.91	ng		99
35) Caprolactam	8.81	113	2920	5.75	ng		90
36) 4-Chloro-3-methylphenol	9.18	107	13919	8.11	ng		91
37) 2-Methylnaphthalene	9.31	142	32337	7.48	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	14197	7.39	ng		99
40) Hexachlorocyclopentadiene	9.61	237	3424	10.60	ng		98
42) 2,4,6-Trichlorophenol	9.87	196	9204	7.59	ng		97
43) 2,4,5-Trichlorophenol	9.95	196	9519	7.52	ng	#	91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	10.19	154	39497	7.78	ng		98
46) 2-Chloronaphthalene	10.19	162	30454	7.63	ng		99
47) 2-Nitroaniline	10.43	65	7609	7.70	ng		99
48) Acenaphthylene	10.94	152	51273	7.95	ng		99
49) Dimethylphthalate	10.83	163	56024	12.02	ng		97
50) 2,6-Dinitrotoluene	10.93	165	6644	6.93	ng	#	45
51) Acenaphthene	11.26	154	30672	8.45	ng		98
52) 3-Nitroaniline	11.21	138	7495	6.87	ng	#	96
54) Dibenzofuran	11.59	168	48006	8.66	ng		98
55) 4-Nitrophenol	11.66	139	7226	11.45	ng	#	74
56) 2,4-Dinitrotoluene	11.67	165	8908	7.17	ng	#	81
57) Fluorene	12.22	166	41016	9.13	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.86	232	6562	6.99	ng	#	99
59) Diethylphthalate	12.16	149	36634	8.15	ng		98
60) 4-Chlorophenyl-phenylether	12.29	204	16493	7.98	ng	#	85
61) 4-Nitroaniline	12.33	138	6886	6.25	ng		98
62) Azobenzene	12.57	77	35005	8.53	ng		90
64) 4,6-Dinitro-2-methylphenol	12.41	198	815	9.71	ng		80
65) n-Nitrosodiphenylamine	12.51	169	31053	7.60	ng		97
66) 4-Bromophenyl-phenylether	13.18	248	9837	7.87	ng		91
67) Hexachlorobenzene	13.22	284	10748	7.84	ng		99
68) Atrazine	13.59	200	10079	8.52	ng		97
69) Pentachlorophenol	13.63	266	3100	12.37	ng		95
70) Phenanthrene	13.98	178	169735	24.85	ng		99
71) Anthracene	14.07	178	82029	12.19	ng		99
72) Carbazole	14.40	167	56640	8.98	ng		97
73) Di-n-butylphthalate	15.09	149	60684	8.49	ng		100
74) Fluoranthene	15.86	202	301832	41.91	ng		94
76) Benzidine	16.13	184	19515	4.05	ng		98
77) Pyrene	16.17	202	272113	34.63	ng		96
79) Butylbenzylphthalate	17.15	149	26024	8.69	ng		95
80) Benzo(a)anthracene	17.78	228	160207	21.51	ng		99
81) 3,3'-Dichlorobenzidine	17.79	252	19142	7.67	ng	#	98
82) Chrysene	17.83	228	140988	20.15	ng		98
83) Bis(2-ethylhexyl)phthalate	17.92	149	40252	8.57	ng	#	97
84) Di-n-octyl phthalate	18.70	149	71020	9.21	ng	#	100
85) Indeno(1,2,3-cd)pyrene	20.63	276	113356	14.27	ng	#	85
87) Benzo(b)fluoranthene	19.06	252	189322m	25.08	ng		
88) Benzo(k)fluoranthene	19.10	252	74375m	11.08	ng		
89) Benzo(a)pyrene	19.42	252	129038	19.58	ng	#	92
90) Dibenzo(a,h)anthracene	20.65	278	60326	9.14	ng	#	93
91) Benzo(g,h,i)perylene	20.95	276	96588	14.60	ng		100

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

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