Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080635.D
Acq On : 24 Jul 2015 19:52
Operator : TP/UM
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF072415

Manual Integrations APPROVED
apatel
7/27/2015 4:21:57 PM

Quant Time: Jul 25 05:19:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 25 04:28:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	48787	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	171834	20.00	ng		0.00
38) Acenaphthene-d10	9.97	164	94775	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	165352	20.00	ng		0.00
75) Chrysene-d12	14.19	240	161647	20.00	ng		0.03
86) Perylene-d12	15.80	264	149288	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	240824	83.12	ng		0.00
7) Phenol-d6	6.54	99	296728	85.74	ng		0.00
23) Nitrobenzene-d5	7.49	82	305556	89.31	ng		0.00
41) 2,4,6-Tribromophenol	10.76	330	68860	80.87	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	478946	77.97	ng		0.00
78) Terphenyl-d14	13.06	244	559373	74.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	47736	36.70	ng		92
3) Pyridine	3.22	79	145918	47.55	ng		97
4) n-Nitrosodimethylamine	3.14	42	82353	41.18	ng		99
6) Aniline	6.58	93	194375	39.69	ng		96
8) 2-Chlorophenol	6.70	128	131603	41.36	ng		98
9) Benzaldehyde	6.48	77	94504	41.81	ng		93
10) Phenol	6.56	94	187673	44.78	ng		97
11) bis(2-Chloroethyl)ether	6.66	93	132417	42.96	ng		97
12) 1,3-Dichlorobenzene	6.86	146	139157	40.49	ng		97
13) 1,4-Dichlorobenzene	6.94	146	144928	40.72	ng		98
14) 1,2-Dichlorobenzene	7.10	146	144401	41.26	ng		99
15) Benzyl Alcohol	7.06	79	110346	38.38	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	210948	40.29	ng		98
17) 2-Methylphenol	7.17	107	103584	40.93	ng		98
18) Hexachloroethane	7.45	117	59239	42.56	ng		96
19) n-Nitroso-di-n-propylamine	7.33	70	94168	37.71	ng		98
20) 3+4-Methylphenols	7.33	107	132367	40.33	ng	#	86
22) Acetophenone	7.33	105	177897	39.87	ng		97
24) Nitrobenzene	7.50	77	136686	40.08	ng		100
25) Isophorone	7.74	82	240971	40.16	ng		98
26) 2-Nitrophenol	7.84	139	53197	42.75	ng		98
27) 2,4-Dimethylphenol	7.86	122	98704	39.59	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	147532	42.42	ng		99
29) 2,4-Dichlorophenol	8.06	162	100146	42.12	ng		100
30) 1,2,4-Trichlorobenzene	8.16	180	112473	39.87	ng		98
31) Naphthalene	8.24	128	343028	39.84	ng		99
32) Benzoic acid	7.93	122	54466	38.59	ng		98
33) 4-Chloroaniline	8.28	127	155439	41.10	ng		98
34) Hexachlorobutadiene	8.36	225	79140	40.61	ng		97
35) Caprolactam	8.61	113	27569	40.49	ng	#	51
36) 4-Chloro-3-methylphenol	8.75	107	101357	39.72	ng		95
37) 2-Methylnaphthalene	8.93	142	244957	39.92	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	106509	38.91	ng		99
40) Hexachlorocyclopentadiene	9.09	237	64158	39.42	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	74832	40.07	ng		97
43) 2,4,5-Trichlorophenol	9.24	196	81818	41.83	ng		98
45) 1,1'-Biphenyl	9.39	154	263384	39.77	ng		98
46) 2-Chloronaphthalene	9.41	162	218761	39.50	ng		97
47) 2-Nitroaniline	9.50	65	72620	42.76	ng		95
48) Acenaphthylene	9.84	152	378331	40.37	ng		100
49) Dimethylphthalate	9.69	163	271606	40.07	ng		99
50) 2,6-Dinitrotoluene	9.74	165	50233	41.51	ng		97
51) Acenaphthene	10.01	154	238430	41.89	ng		98
52) 3-Nitroaniline	9.92	138	65518	45.50	ng		96
53) 2,4-Dinitrophenol	10.02	184	21616	41.77	ng		91
54) Dibenzofuran	10.18	168	326257	40.17	ng		99
55) 4-Nitrophenol	10.06	139	47022	41.37	ng		96
56) 2,4-Dinitrotoluene	10.14	165	65144	40.72	ng		98
57) Fluorene	10.52	166	263549	41.22	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.29	232	64795	41.51	ng		99
59) Diethylphthalate	10.40	149	266332	39.53	ng		99
60) 4-Chlorophenyl-phenylether	10.51	204	111988	39.41	ng	#	67
61) 4-Nitroaniline	10.52	138	64265	45.87	ng		96
62) Azobenzene	10.67	77	260947	40.46	ng		99
64) 4,6-Dinitro-2-methylphenol	10.56	198	36027	42.33	ng		92
65) n-Nitrosodiphenylamine	10.62	169	203696	40.20	ng		99
66) 4-Bromophenyl-phenylether	11.00	248	63576	40.81	ng		93
67) Hexachlorobenzene	11.07	284	81124	42.75	ng		97
68) Atrazine	11.15	200	61381	41.68	ng		96
69) Pentachlorophenol	11.26	266	40541	42.83	ng		96
70) Phenanthrene	11.48	178	379953	41.63	ng		98
71) Anthracene	11.54	178	355479	40.38	ng		99
72) Carbazole	11.69	167	346232	43.42	ng		100
73) Di-n-butylphthalate	12.03	149	409912	41.50	ng		99
74) Fluoranthene	12.67	202	369329	41.87	ng		99
76) Benzidine	12.80	184	205504	37.40	ng		96
77) Pyrene	12.91	202	400778	39.59	ng		99
79) Butylbenzylphthalate	13.56	149	170610	38.96	ng	#	79
80) Benzo(a)anthracene	14.18	228	376904	39.74	ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	131231	42.55	ng	#	97
82) Chrysene	14.23	228	358609	40.37	ng		100
83) Bis(2-ethylhexyl)phthalate	14.19	149	262745	39.82	ng		98
84) Di-n-octyl phthalate	14.91	149	429642	40.42	ng	#	99
85) Indeno(1,2,3-cd)pyrene	17.29	276	444954	43.33	ng		100
87) Benzo(b)fluoranthene	15.36	252	377355	41.70	ng	#	96
88) Benzo(k)fluoranthene	15.39	252	310350m	38.30	ng		
89) Benzo(a)pyrene	15.73	252	331352	40.71	ng	#	98
90) Dibenzo(a,h)anthracene	17.31	278	360923	42.10	ng		98
91) Benzo(g,h,i)perylene	17.73	276	377686	43.38	ng		98

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

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