Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061715\
Data File : BF080028.D
Acq On : 17 Jun 2015 15:49
Operator : TP/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
apatel
6/18/2015 4:05:25 PM

Quant Time: Jun 17 16:40:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:28:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	48164	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	190740	20.00	ng		0.00
38) Acenaphthene-d10	10.40	164	97288	20.00	ng		0.00
63) Phenanthrene-d10	11.91	188	184859	20.00	ng		0.00
75) Chrysene-d12	14.86	240	203522	20.00	ng		0.00
86) Perylene-d12	16.75	264	205346	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	414853	123.12	ng		0.00
7) Phenol-d6	6.94	99	557311	141.23	ng		0.00
23) Nitrobenzene-d5	7.90	82	563903	182.96	ng		0.00
41) 2,4,6-Tribromophenol	11.20	330	161130	217.85	ng		0.00
44) 2-Fluorobiphenyl	9.70	172	958155	116.36	ng		0.00
78) Terphenyl-d14	13.59	244	1300747	127.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	101254	77.64	ng	#	83
3) Pyridine	4.02	79	265784	79.00	ng	#	80
4) n-Nitrosodimethylamine	3.94	42	127999	85.82	ng		99
6) Aniline	7.00	93	418188	86.44	ng		95
8) 2-Chlorophenol	7.12	128	257377	71.63	ng		93
9) Benzaldehyde	6.88	77	133149	104.30	ng	#	75
10) Phenol	6.96	94	288229	69.70	ng		89
11) bis(2-Chloroethyl)ether	7.05	93	221343	68.38	ng		97
12) 1,3-Dichlorobenzene	7.28	146	293109	75.55	ng	#	94
13) 1,4-Dichlorobenzene	7.36	146	288326	72.26	ng		97
14) 1,2-Dichlorobenzene	7.51	146	269874m	72.74	ng		
15) Benzyl Alcohol	7.46	79	240984	114.16	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.60	45	358431	57.83	ng		89
17) 2-Methylphenol	7.57	107	201018	79.82	ng	#	85
18) Hexachloroethane	7.86	117	99473	79.34	ng	#	74
19) n-Nitroso-di-n-propylamine	7.74	70	199518	100.39	ng	#	76
20) 3+4-Methylphenols	7.72	107	278555	83.35	ng		86
22) Acetophenone	7.74	105	353373	75.44	ng	#	84
24) Nitrobenzene	7.91	77	256697	86.97	ng	#	59
25) Isophorone	8.15	82	507221	86.96	ng	#	86
26) 2-Nitrophenol	8.24	139	125848	66.12	ng	#	89
27) 2,4-Dimethylphenol	8.25	122	227159	67.08	ng	#	76
28) bis(2-Chloroethoxy)methane	8.36	93	333086	85.09	ng	#	94
29) 2,4-Dichlorophenol	8.47	162	205114	76.91	ng		88
30) 1,2,4-Trichlorobenzene	8.57	180	243237	84.72	ng		98
31) Naphthalene	8.65	128	781499m	70.91	ng		
32) Benzoic acid	8.33	122	157934	71.14	ng	#	63
33) 4-Chloroaniline	8.69	127	325189m	76.86	ng		
34) Hexachlorobutadiene	8.77	225	139033	114.68	ng		98
35) Caprolactam	9.04	113	63452	66.15	ng	#	76
36) 4-Chloro-3-methylphenol	9.16	107	226410	94.88	ng	#	79
37) 2-Methylnaphthalene	9.35	142	528455	79.94	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.52	216	230539	84.38	ng		98
40) Hexachlorocyclopentadiene	9.51	237	121142	76.08	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.62	196	161895	89.91	ng		98
43) 2,4,5-Trichlorophenol	9.66	196	185347	98.80	ng		97
45) 1,1'-Biphenyl	9.81	154	582571	61.83	ng		93
46) 2-Chloronaphthalene	9.84	162	514755	80.63	ng		94
47) 2-Nitroaniline	9.92	65	145000	86.31	ng	#	67
48) Acenaphthylene	10.26	152	877943	77.77	ng		96
49) Dimethylphthalate	10.09	163	550958	84.29	ng	#	97
50) 2,6-Dinitrotoluene	10.16	165	124387	81.35	ng	#	62
51) Acenaphthene	10.44	154	512484	73.45	ng		93
52) 3-Nitroaniline	10.33	138	135446	71.21	ng	#	57
53) 2,4-Dinitrophenol	10.44	184	47791	57.03	ng	#	1
54) Dibenzofuran	10.61	168	719814	81.59	ng	#	88
55) 4-Nitrophenol	10.48	139	112522	73.59	ng	#	82
56) 2,4-Dinitrotoluene	10.57	165	171476	91.18	ng	#	93
57) Fluorene	10.95	166	563084	72.78	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.72	232	155724	110.50	ng		96
59) Diethylphthalate	10.80	149	572353	87.34	ng		99
60) 4-Chlorophenyl-phenylether	10.94	204	283559	92.74	ng		95
61) 4-Nitroaniline	10.95	138	133698	69.95	ng	#	51
62) Azobenzene	11.10	77	604911	100.81	ng		90
64) 4,6-Dinitro-2-methylphenol	10.98	198	92556	83.34	ng		81
65) n-Nitrosodiphenylamine	11.05	169	516752	75.81	ng		92
66) 4-Bromophenyl-phenylether	11.43	248	163125	95.38	ng	#	87
67) Hexachlorobenzene	11.51	284	181254	98.39	ng	#	78
68) Atrazine	11.57	200	133750	85.31	ng		81
69) Pentachlorophenol	11.70	266	112125	95.96	ng		99
70) Phenanthrene	11.93	178	910737	79.86	ng		95
71) Anthracene	11.99	178	883318	78.14	ng		97
72) Carbazole	12.14	167	837252	80.25	ng		96
73) Di-n-butylphthalate	12.46	149	961956	77.23	ng	#	98
74) Fluoranthene	13.19	202	1000021	102.86	ng		90
76) Benzidine	13.30	184	469921	96.98	ng	#	96
77) Pyrene	13.44	202	978472	60.57	ng		96
79) Butylbenzylphthalate	14.14	149	432595	58.34	ng	#	92
80) Benzo(a)anthracene	14.85	228	979256	79.94	ng		94
81) 3,3'-Dichlorobenzidine	14.79	252	352377	93.96	ng	#	95
82) Chrysene	14.89	228	930751m	78.23	ng		
83) Bis(2-ethylhexyl)phthalate	14.83	149	677921	64.49	ng	#	95
84) Di-n-octyl phthalate	15.64	149	1174482	74.70	ng		95
85) Indeno(1,2,3-cd)pyrene	18.62	276	1197052	120.27	ng	#	88
87) Benzo(b)fluoranthene	16.21	252	976188	76.25	ng	#	86
88) Benzo(k)fluoranthene	16.24	252	1000305	76.24	ng	#	88
89) Benzo(a)pyrene	16.67	252	949580	79.08	ng	#	88
90) Dibenzo(a,h)anthracene	18.64	278	976791	93.86	ng	#	80
91) Benzo(g,h,i)perylene	19.18	276	975153	91.85	ng	#	78

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

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