Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080178.D
Acq On : 25 Jun 2015 21:05
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
6/26/2015 2:05:42 PM

Quant Time: Jun 26 02:31:08 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 26 01:01:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	34552	20.00	ng		0.00
21) Naphthalene-d8	8.58	136	136646	20.00	ng		0.00
38) Acenaphthene-d10	10.36	164	73287	20.00	ng		0.00
63) Phenanthrene-d10	11.86	188	149528	20.00	ng		0.00
75) Chrysene-d12	14.80	240	159381	20.00	ng		-0.02
86) Perylene-d12	16.65	264	157177	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	163941	83.99	ng		0.00
7) Phenol-d6	6.89	99	205360	79.06	ng		-0.01
23) Nitrobenzene-d5	7.85	82	209931	89.44	ng		0.00
41) 2,4,6-Tribromophenol	11.16	330	57926	80.83	ng		0.00
44) 2-Fluorobiphenyl	9.66	172	372933	72.57	ng		-0.01
78) Terphenyl-d14	13.53	244	523149	76.66	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	36335m	39.16	ng		
3) Pyridine	3.96	79	111597	45.23	ng		86
4) n-Nitrosodimethylamine	3.88	42	46106	39.32	ng		91
6) Aniline	6.95	93	154564	43.25	ng		95
8) 2-Chlorophenol	7.08	128	93004	41.23	ng		91
9) Benzaldehyde	6.84	77	49445	32.97	ng	#	70
10) Phenol	6.92	94	105011	37.05	ng		89
11) bis(2-Chloroethyl)ether	7.01	93	81976	36.45	ng		93
12) 1,3-Dichlorobenzene	7.24	146	105831	39.05	ng	#	91
13) 1,4-Dichlorobenzene	7.32	146	114629	44.47	ng		96
14) 1,2-Dichlorobenzene	7.46	146	95510m	38.08	ng		
15) Benzyl Alcohol	7.42	79	83501	39.32	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.57	45	143508	42.99	ng		83
17) 2-Methylphenol	7.53	107	73491	38.14	ng	#	90
18) Hexachloroethane	7.82	117	36944	43.05	ng	#	82
19) n-Nitroso-di-n-propylamine	7.69	70	68374	37.92	ng	#	76
20) 3+4-Methylphenols	7.68	107	103519	41.63	ng		91
22) Acetophenone	7.69	105	132115	41.49	ng	#	83
24) Nitrobenzene	7.88	77	97197	40.12	ng	#	78
25) Isophorone	8.10	82	179961	38.10	ng	#	84
26) 2-Nitrophenol	8.20	139	49450	48.76	ng	#	78
27) 2,4-Dimethylphenol	8.22	122	88442	41.83	ng		87
28) bis(2-Chloroethoxy)methane	8.31	93	110573	39.84	ng	#	91
29) 2,4-Dichlorophenol	8.44	162	80637	44.53	ng		97
30) 1,2,4-Trichlorobenzene	8.53	180	95300	46.34	ng		100
31) Naphthalene	8.61	128	285663m	39.99	ng		
32) Benzoic acid	8.28	122	38311	29.97	ng	#	64
33) 4-Chloroaniline	8.64	127	108532m	35.50	ng		
34) Hexachlorobutadiene	8.73	225	51000	40.27	ng		100
35) Caprolactam	8.98	113	25511	43.40	ng		98
36) 4-Chloro-3-methylphenol	9.11	107	77357	37.87	ng	#	73
37) 2-Methylnaphthalene	9.30	142	202712	43.86	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	91229	42.78	ng	#	97
40) Hexachlorocyclopentadiene	9.46	237	37986	38.16	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	65359	45.04	ng		98
43) 2,4,5-Trichlorophenol	9.61	196	64610	38.65	ng	#	93
45) 1,1'-Biphenyl	9.76	154	215460	36.13	ng		91
46) 2-Chloronaphthalene	9.80	162	191852	39.65	ng		94
47) 2-Nitroaniline	9.88	65	50997	38.40	ng	#	60
48) Acenaphthylene	10.22	152	331099	41.00	ng		97
49) Dimethylphthalate	10.06	163	215581	39.13	ng	#	96
50) 2,6-Dinitrotoluene	10.12	165	43954	39.79	ng	#	51
51) Acenaphthene	10.39	154	189344	38.33	ng		91
52) 3-Nitroaniline	10.29	138	50665	39.75	ng	#	53
53) 2,4-Dinitrophenol	10.40	184	18296	43.56	ng	#	1
54) Dibenzofuran	10.56	168	266498	38.02	ng	#	89
55) 4-Nitrophenol	10.44	139	44023	43.22	ng	#	69
56) 2,4-Dinitrotoluene	10.53	165	65869	46.99	ng	#	91
57) Fluorene	10.92	166	220161	39.58	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.68	232	53715	38.06	ng		98
59) Diethylphthalate	10.76	149	202629	36.52	ng		96
60) 4-Chlorophenyl-phenylether	10.89	204	99211	37.12	ng	#	87
61) 4-Nitroaniline	10.90	138	53552	40.69	ng	#	51
62) Azobenzene	11.05	77	218887	38.76	ng		86
64) 4,6-Dinitro-2-methylphenol	10.94	198	31818	43.73	ng		96
65) n-Nitrosodiphenylamine	11.01	169	194803	40.01	ng		93
66) 4-Bromophenyl-phenylether	11.40	248	60712	38.19	ng	#	85
67) Hexachlorobenzene	11.48	284	64310	36.40	ng	#	76
68) Atrazine	11.53	200	57349	37.28	ng		84
69) Pentachlorophenol	11.66	266	37729	37.68	ng		98
70) Phenanthrene	11.89	178	355456	39.27	ng		98
71) Anthracene	11.94	178	335943	38.54	ng		99
72) Carbazole	12.09	167	315796	37.95	ng		96
73) Di-n-butylphthalate	12.41	149	359382	37.38	ng	#	99
74) Fluoranthene	13.13	202	364848	37.84	ng		93
76) Benzidine	13.25	184	181834	40.82	ng		98
77) Pyrene	13.39	202	381782	38.91	ng		97
79) Butylbenzylphthalate	14.07	149	154118	39.11	ng	#	73
80) Benzo(a)anthracene	14.78	228	377018	38.83	ng		96
81) 3,3'-Dichlorobenzidine	14.73	252	130629	39.01	ng	#	93
82) Chrysene	14.83	228	358279	40.02	ng		95
83) Bis(2-ethylhexyl)phthalate	14.76	149	233579	37.50	ng	#	92
84) Di-n-octyl phthalate	15.56	149	396071	37.11	ng		96
85) Indeno(1,2,3-cd)pyrene	18.49	276	440861	39.05	ng	#	88
87) Benzo(b)fluoranthene	16.12	252	377822	39.70	ng	#	89
88) Benzo(k)fluoranthene	16.16	252	366365	37.81	ng	#	86
89) Benzo(a)pyrene	16.57	252	359897	39.82	ng	#	88
90) Dibenzo(a,h)anthracene	18.51	278	356154	38.50	ng	#	83
91) Benzo(g,h,i)perylene	19.04	276	360733	38.62	ng	#	75

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

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