Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078479.D
Acq On : 14 Apr 2015 00:18
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
4/14/2015 5:25:23 PM

Quant Time: Apr 14 02:16:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 01:02:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	55753	20.00	ng		0.00
21) Naphthalene-d8	8.41	136	248629	20.00	ng		0.00
38) Acenaphthene-d10	10.57	164	128220	20.00	ng		0.00
63) Phenanthrene-d10	12.39	188	254817	20.00	ng		0.00
75) Chrysene-d12	15.65	240	250171	20.00	ng		-0.01
86) Perylene-d12	17.29	264	253061	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	260862	77.14	ng		-0.01
7) Phenol-d6	6.43	99	345455	81.52	ng		0.00
23) Nitrobenzene-d5	7.53	82	318317	77.60	ng		-0.01
41) 2,4,6-Tribromophenol	11.54	330	93547	87.97	ng		0.00
44) 2-Fluorobiphenyl	9.76	172	704669	78.56	ng		0.00
78) Terphenyl-d14	14.38	244	815791	73.69	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.61	88	150650	98.52	ng	#	52
3) Pyridine	2.18	79	166528	41.58	ng		97
4) n-Nitrosodimethylamine	2.14	42	73759	47.84	ng		88
6) Aniline	6.42	93	247337	41.16	ng		90
8) 2-Chlorophenol	6.56	128	158382	39.61	ng		96
9) Benzaldehyde	6.27	77	101134	36.01	ng		96
10) Phenol	6.44	94	204803	40.33	ng		96
11) bis(2-Chloroethyl)ether	6.54	93	151971	41.62	ng		98
12) 1,3-Dichlorobenzene	6.75	146	171025	38.94	ng	#	90
13) 1,4-Dichlorobenzene	6.84	146	170033	38.46	ng		98
14) 1,2-Dichlorobenzene	7.03	146	156986	37.87	ng		98
15) Benzyl Alcohol	7.04	79	135230	45.41	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	7.21	45	206213	42.34	ng		96
17) 2-Methylphenol	7.20	107	128538	41.41	ng		95
18) Hexachloroethane	7.45	117	61836	41.48	ng		93
19) n-Nitroso-di-n-propylamine	7.37	70	127112	45.46	ng		91
20) 3+4-Methylphenols	7.39	107	174133	42.05	ng		94
22) Acetophenone	7.36	105	237473	40.99	ng	#	97
24) Nitrobenzene	7.55	77	166914	38.92	ng	#	82
25) Isophorone	7.86	82	336794	43.26	ng		99
26) 2-Nitrophenol	7.95	139	87251	42.70	ng		95
27) 2,4-Dimethylphenol	8.03	122	140595	37.00	ng		92
28) bis(2-Chloroethoxy)methane	8.15	93	191649	38.39	ng		99
29) 2,4-Dichlorophenol	8.25	162	133794	38.70	ng		89
30) 1,2,4-Trichlorobenzene	8.34	180	144117	36.36	ng	#	97
31) Naphthalene	8.43	128	494384	38.20	ng		99
32) Benzoic acid	8.18	122	78760	44.55	ng		95
33) 4-Chloroaniline	8.52	127	219736	40.92	ng		99
34) Hexachlorobutadiene	8.59	225	86949	39.95	ng		99
35) Caprolactam	8.97	113	44913	43.53	ng		98
36) 4-Chloro-3-methylphenol	9.15	107	144004	41.29	ng	#	83
37) 2-Methylnaphthalene	9.29	142	334696	38.09	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.50	216	149206	37.56	ng		99
40) Hexachlorocyclopentadiene	9.48	237	59294	38.53	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	106425	42.48	ng		97
43) 2,4,5-Trichlorophenol	9.70	196	103700	39.62	ng	#	88
45) 1,1'-Biphenyl	9.87	154	403265	38.45	ng		98
46) 2-Chloronaphthalene	9.88	162	305359	37.00	ng		98
47) 2-Nitroaniline	10.03	65	98214	48.11	ng	#	68
48) Acenaphthylene	10.39	152	517187	38.81	ng		98
49) Dimethylphthalate	10.27	163	393183	40.82	ng		99
50) 2,6-Dinitrotoluene	10.34	165	81357	41.05	ng	#	53
51) Acenaphthene	10.60	154	292113	38.94	ng		99
52) 3-Nitroaniline	10.55	138	98258	43.60	ng	#	77
53) 2,4-Dinitrophenol	10.68	184	26410	45.06	ng	#	85
54) Dibenzofuran	10.82	168	463682	40.47	ng		97
55) 4-Nitrophenol	10.78	139	57216m	36.05	ng		
56) 2,4-Dinitrotoluene	10.83	165	112761	43.93	ng	#	77
57) Fluorene	11.24	166	393981	42.42	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.98	232	82683	42.61	ng		99
59) Diethylphthalate	11.14	149	388760	41.86	ng		97
60) 4-Chlorophenyl-phenylether	11.26	204	172638	40.40	ng	#	82
61) 4-Nitroaniline	11.29	138	96330	42.29	ng		91
62) Azobenzene	11.45	77	380646	44.90	ng		95
64) 4,6-Dinitro-2-methylphenol	11.34	198	52402	42.60	ng	#	62
65) n-Nitrosodiphenylamine	11.40	169	335114	38.02	ng		99
66) 4-Bromophenyl-phenylether	11.86	248	108355	40.15	ng	#	79
67) Hexachlorobenzene	11.91	284	108895	36.82	ng		97
68) Atrazine	12.09	200	101919	39.92	ng		97
69) Pentachlorophenol	12.16	266	52825	44.13	ng		100
70) Phenanthrene	12.42	178	561120	38.07	ng		100
71) Anthracene	12.48	178	545794	37.58	ng		99
72) Carbazole	12.70	167	537281	39.47	ng		99
73) Di-n-butylphthalate	13.17	149	692314	44.90	ng		99
74) Fluoranthene	13.87	202	602328	38.75	ng		98
76) Benzidine	14.07	184	308591	32.03	ng		100
77) Pyrene	14.15	202	588371	37.46	ng		98
79) Butylbenzylphthalate	15.01	149	299786	50.08	ng	#	81
80) Benzo(a)anthracene	15.63	228	583803	39.22	ng		98
81) 3,3'-Dichlorobenzidine	15.62	252	207663	41.66	ng	#	99
82) Chrysene	15.68	228	535378	38.28	ng		100
83) Bis(2-ethylhexyl)phthalate	15.73	149	445826	47.49	ng		99
84) Di-n-octyl phthalate	16.49	149	761248	49.38	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.50	276	666832	42.02	ng	#	87
87) Benzo(b)fluoranthene	16.88	252	582686	37.26	ng		99
88) Benzo(k)fluoranthene	16.91	252	543591m	39.11	ng		
89) Benzo(a)pyrene	17.23	252	527495	38.65	ng	#	96
90) Dibenzo(a,h)anthracene	18.53	278	509950	37.32	ng		97
91) Benzo(g,h,i)perylene	18.85	276	515793	37.65	ng		98

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

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