Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
Data File : BF078197.D
Acq On : 2 Apr 2015 14:01
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
4/6/2015 10:50:25 AM

Quant Time: Apr 03 01:07:50 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 13:21:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	38978	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	160353	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	79508	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	151432	20.00	ng	0.00
75) Chrysene-d12	15.88	240	163699	20.00	ng	0.01
86) Perylene-d12	17.67	264	152414	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	194476	82.26	ng	-0.01
7) Phenol-d6	6.60	99	234314	79.09	ng	0.00
23) Nitrobenzene-d5	7.72	82	214259	80.99	ng	0.01
41) 2,4,6-Tribromophenol	11.74	330	57039	86.50	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	435966	78.38	ng	0.00
78) Terphenyl-d14	14.59	244	549808	75.89	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.86	88	44233	41.38	ng	99
3) Pyridine	2.49	79	104810	37.43	ng	96
4) n-Nitrosodimethylamine	2.43	42	41325	38.34	ng	98
6) Aniline	6.60	93	167675	39.91	ng	99
8) 2-Chlorophenol	6.75	128	114920	41.11	ng	99
9) Benzaldehyde	6.46	77	78921	40.19	ng	99
10) Phenol	6.62	94	140551	39.59	ng	99
11) bis(2-Chloroethyl)ether	6.72	93	108005	42.31	ng	97
12) 1,3-Dichlorobenzene	6.93	146	121985	39.73	ng	99
13) 1,4-Dichlorobenzene	7.04	146	126063	40.79	ng	98
14) 1,2-Dichlorobenzene	7.22	146	117672	40.60	ng	99
15) Benzyl Alcohol	7.21	79	83331	40.03	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.39	45	135520	39.80	ng	99
17) 2-Methylphenol	7.37	107	89090	41.05	ng	98
18) Hexachloroethane	7.64	117	42577	40.85	ng	97
19) n-Nitroso-di-n-propylamine	7.55	70	79050	40.44	ng	98
20) 3+4-Methylphenols	7.56	107	120351	41.57	ng	99
22) Acetophenone	7.54	105	152915	40.93	ng	99
24) Nitrobenzene	7.74	77	111747	40.41	ng	99
25) Isophorone	8.04	82	208449	41.52	ng	99
26) 2-Nitrophenol	8.13	139	56661	42.99	ng	94
27) 2,4-Dimethylphenol	8.21	122	102232	41.72	ng	98
28) bis(2-Chloroethoxy)methane	8.33	93	132432	41.13	ng	99
29) 2,4-Dichlorophenol	8.44	162	91472	41.03	ng	97
30) 1,2,4-Trichlorobenzene	8.53	180	102070	39.93	ng	99
31) Naphthalene	8.62	128	335302	40.17	ng	99
32) Benzoic acid	8.34	122	41525	37.47	ng	98
33) 4-Chloroaniline	8.70	127	144697	41.78	ng	100
34) Hexachlorobutadiene	8.78	225	57005	40.61	ng	98
35) Caprolactam	9.14	113	28462	42.77	ng	92
36) 4-Chloro-3-methylphenol	9.32	107	92982	41.33	ng	97
37) 2-Methylnaphthalene	9.48	142	227283	40.11	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	101060	41.02	ng	100
40) Hexachlorocyclopentadiene	9.68	237	38379	39.92	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.84	196	66741	42.96	ng		98
43) 2,4,5-Trichlorophenol	9.88	196	67616	41.66	ng		98
45) 1,1'-Biphenyl	10.06	154	272215	41.86	ng		99
46) 2-Chloronaphthalene	10.08	162	203050	39.68	ng		98
47) 2-Nitroaniline	10.21	65	55703	44.00	ng		96
48) Acenaphthylene	10.59	152	340644	41.23	ng		100
49) Dimethylphthalate	10.46	163	238397	39.91	ng	#	97
50) 2,6-Dinitrotoluene	10.53	165	53610	43.62	ng		95
51) Acenaphthene	10.80	154	190657	40.98	ng		99
52) 3-Nitroaniline	10.73	138	58301	41.72	ng		94
53) 2,4-Dinitrophenol	10.86	184	12556	37.66	ng		95
54) Dibenzofuran	11.01	168	283534	39.90	ng		98
55) 4-Nitrophenol	10.97	139	38846	39.21	ng		95
56) 2,4-Dinitrotoluene	11.02	165	71571	44.97	ng		93
57) Fluorene	11.44	166	231670	40.22	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.17	232	51733	42.99	ng		99
59) Diethylphthalate	11.33	149	233445	40.53	ng		99
60) 4-Chlorophenyl-phenylether	11.46	204	107746	40.67	ng		98
61) 4-Nitroaniline	11.48	138	59959	42.45	ng		96
62) Azobenzene	11.64	77	207559	39.49	ng		99
64) 4,6-Dinitro-2-methylphenol	11.53	198	25022	35.91	ng	#	51
65) n-Nitrosodiphenylamine	11.61	169	210660	40.22	ng		99
66) 4-Bromophenyl-phenylether	12.05	248	64547	40.25	ng		97
67) Hexachlorobenzene	12.11	284	69988	39.82	ng		99
68) Atrazine	12.28	200	63459	41.83	ng		99
69) Pentachlorophenol	12.36	266	26694	38.69	ng		97
70) Phenanthrene	12.62	178	351911	40.17	ng		100
71) Anthracene	12.68	178	346939	40.19	ng		100
72) Carbazole	12.90	167	325754	40.27	ng		99
73) Di-n-butylphthalate	13.36	149	373415	40.75	ng		99
74) Fluoranthene	14.10	202	376682	40.78	ng		91
76) Benzidine	14.28	184	291500	46.25	ng		99
77) Pyrene	14.37	202	404166	39.33	ng		99
79) Butylbenzylphthalate	15.22	149	164767	42.07	ng	#	77
80) Benzo(a)anthracene	15.87	228	373013	38.30	ng		99
81) 3,3'-Dichlorobenzidine	15.86	252	135352	41.49	ng		99
82) Chrysene	15.92	228	362902	39.66	ng		99
83) Bis(2-ethylhexyl)phthalate	15.95	149	253415	41.25	ng	#	97
84) Di-n-octyl phthalate	16.77	149	417302	41.37	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.01	276	410142	39.50	ng	#	85
87) Benzo(b)fluoranthene	17.21	252	389538m	41.35	ng		
88) Benzo(k)fluoranthene	17.24	252	312418	37.32	ng		97
89) Benzo(a)pyrene	17.61	252	336328	40.91	ng		98
90) Dibenzo(a,h)anthracene	19.05	278	337596m	41.02	ng		
91) Benzo(g,h,i)perylene	19.40	276	347014m	42.05	ng		

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

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