Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100734.D
Acq On : 20 Nov 2017 17:04
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
SOHIL
11/21/2017 2:15:19 PM

Quant Time: Nov 21 04:21:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	80624	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	331723	20.00	ng		-0.01
38) Acenaphthene-d10	9.91	164	153858	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	304360	20.00	ng		0.00
75) Chrysene-d12	14.03	240	222172	20.00	ng		-0.01
86) Perylene-d12	15.50	264	168713	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	408799	81.28	ng		-0.01
7) Phenol-d6	6.50	99	487986	78.68	ng		-0.01
23) Nitrobenzene-d5	7.44	82	443210	88.33	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	144277	92.02	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	893708	88.45	ng		0.00
78) Terphenyl-d14	12.98	244	866238	89.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	94339	38.489	ng		98
3) Pyridine	3.42	79	254465	38.053	ng		95
4) n-Nitrosodimethylamine	3.37	42	113021	34.811	ng	#	98
6) Aniline	6.54	93	323655	36.938	ng		97
8) 2-Chlorophenol	6.66	128	221572	41.642	ng		97
9) Benzaldehyde	6.43	77	153641	34.688	ng		91
10) Phenol	6.51	94	253687	38.963	ng		99
11) bis(2-Chloroethyl)ether	6.61	93	210840	38.552	ng		99
12) 1,3-Dichlorobenzene	6.82	146	257628	41.997	ng		96
13) 1,4-Dichlorobenzene	6.89	146	262801	42.327	ng		96
14) 1,2-Dichlorobenzene	7.05	146	245556	42.775	ng		97
15) Benzyl Alcohol	7.01	79	192063	39.678	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	318189m	36.377	ng		
17) 2-Methylphenol	7.12	107	183038	40.255	ng		96
18) Hexachloroethane	7.39	117	87440	42.713	ng		90
19) n-Nitroso-di-n-propylamine	7.29	70	160733	37.369	ng		96
20) 3+4-Methylphenols	7.27	107	232316	40.375	ng	#	86
22) Acetophenone	7.29	105	312985	38.693	ng	#	96
24) Nitrobenzene	7.46	77	224816	43.533	ng		96
25) Isophorone	7.69	82	391160	37.098	ng		100
26) 2-Nitrophenol	7.77	139	123383	50.626	ng		95
27) 2,4-Dimethylphenol	7.80	122	180095	38.103	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	263635	38.225	ng		100
29) 2,4-Dichlorophenol	8.01	162	191734	42.492	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	207698	42.553	ng		95
31) Naphthalene	8.18	128	646688	40.475	ng		99
32) Benzoic acid	7.92	122	152713	43.326	ng		96
33) 4-Chloroaniline	8.22	127	269739	40.558	ng		100
34) Hexachlorobutadiene	8.29	225	124377	42.859	ng		98
35) Caprolactam	8.60	113	58454	37.749	ng		94
36) 4-Chloro-3-methylphenol	8.70	107	193330	39.894	ng		96
37) 2-Methylnaphthalene	8.87	142	434248	40.938	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	233027	45.667	ng	#	97
40) Hexachlorocyclopentadiene	9.02	237	104073	43.335	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	142924	44.194	ng		96
43) 2,4,5-Trichlorophenol	9.18	196	155933	46.538	ng		93
45) 1,1'-Biphenyl	9.33	154	573297	43.082	ng		99
46) 2-Chloronaphthalene	9.36	162	417561	43.253	ng		96
47) 2-Nitroaniline	9.45	65	122958	43.389	ng		96
48) Acenaphthylene	9.77	152	671589	41.978	ng		100
49) Dimethylphthalate	9.63	163	488141	41.554	ng		99
50) 2,6-Dinitrotoluene	9.69	165	107121	46.068	ng		95
51) Acenaphthene	9.95	154	417005	42.857	ng		99
52) 3-Nitroaniline	9.86	138	121282	44.170	ng		96
53) 2,4-Dinitrophenol	9.97	184	52822	59.751	ng	#	13
54) Dibenzofuran	10.12	168	569395	41.753	ng		99
55) 4-Nitrophenol	10.02	139	92157	41.334	ng		91
56) 2,4-Dinitrotoluene	10.10	165	138838	47.329	ng	#	88
57) Fluorene	10.46	166	442973	44.341	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	118425	43.124	ng	#	85
59) Diethylphthalate	10.33	149	485096	41.265	ng		96
60) 4-Chlorophenyl-phenylether	10.45	204	225039	45.918	ng	#	88
61) 4-Nitroaniline	10.48	138	117629	45.179	ng		85
62) Azobenzene	10.61	77	416592	37.626	ng		94
64) 4,6-Dinitro-2-methylphenol	10.51	198	84361	53.664	ng	#	66
65) n-Nitrosodiphenylamine	10.57	169	440166	41.592	ng		95
66) 4-Bromophenyl-phenylether	10.94	248	139897	42.878	ng	#	88
67) Hexachlorobenzene	11.00	284	146623	42.968	ng	#	90
68) Atrazine	11.09	200	134332	41.933	ng		98
69) Pentachlorophenol	11.20	266	100100	40.909	ng		99
70) Phenanthrene	11.42	178	666392	41.585	ng		99
71) Anthracene	11.47	178	664612	40.879	ng		99
72) Carbazole	11.63	167	594775	39.648	ng		99
73) Di-n-butylphthalate	11.95	149	759741	43.277	ng		99
74) Fluoranthene	12.61	202	677102	39.868	ng		97
76) Benzidine	12.73	184	332381	37.357	ng		99
77) Pyrene	12.84	202	689997	43.568	ng		99
79) Butylbenzylphthalate	13.45	149	295887	45.812	ng		92
80) Benzo(a)anthracene	14.02	228	568386	42.483	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	199708	41.662	ng	#	96
82) Chrysene	14.06	228	516660	39.878	ng		100
83) Bis(2-ethylhexyl)phthalate	14.00	149	410597	48.336	ng		98
84) Di-n-octyl phthalate	14.62	149	627277	42.984	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	391313	37.341	ng		95
87) Benzo(b)fluoranthene	15.07	252	425780	42.598	ng		99
88) Benzo(k)fluoranthene	15.10	252	431097	45.647	ng		98
89) Benzo(a)pyrene	15.44	252	382657	43.183	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	333375	46.003	ng	#	95
91) Benzo(g,h,i)perylene	17.43	276	324987	45.813	ng		95

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

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