Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089659.D
Acq On : 8 Aug 2016 13:47
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
8/9/2016 6:18:41 PM

Quant Time: Aug 09 02:38:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	43794	20.00	ng		-0.02
21) Naphthalene-d8	9.45	136	191582	20.00	ng		-0.02
38) Acenaphthene-d10	12.27	164	89970	20.00	ng		-0.02
63) Phenanthrene-d10	14.66	188	173397	20.00	ng		-0.03
75) Chrysene-d12	18.37	240	124722	20.00	ng		-0.02
86) Perylene-d12	20.02	264	87015	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	216702	82.93	ng		-0.01
7) Phenol-d6	6.96	99	289231	81.60	ng		-0.02
23) Nitrobenzene-d5	8.34	82	259981	75.06	ng		-0.02
41) 2,4,6-Tribromophenol	13.57	330	59510	80.15	ng		-0.02
44) 2-Fluorobiphenyl	11.23	172	491886	71.05	ng		-0.02
78) Terphenyl-d14	17.03	244	406985	64.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.72	88	51792	34.58	ng		99
3) Pyridine	2.28	79	103868	37.74	ng		98
4) n-Nitrosodimethylamine	2.26	42	45378	39.02	ng		97
6) Aniline	6.91	93	170946	37.22	ng		99
8) 2-Chlorophenol	7.10	128	126458	39.42	ng		98
9) Benzaldehyde	6.73	77	70481	54.81	ng		98
10) Phenol	6.98	94	148725	40.87	ng		99
11) bis(2-Chloroethyl)ether	7.07	93	119976	38.37	ng		99
12) 1,3-Dichlorobenzene	7.32	146	131655	37.79	ng		98
13) 1,4-Dichlorobenzene	7.45	146	130968	37.69	ng		98
14) 1,2-Dichlorobenzene	7.68	146	131825	35.99	ng		100
15) Benzyl Alcohol	7.71	79	93575	40.26	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.92	45	151799	38.13	ng		78
17) 2-Methylphenol	7.93	107	93988	40.57	ng		97
18) Hexachloroethane	8.20	117	52964	36.17	ng		98
19) n-Nitroso-di-n-propylamine	8.15	70	97101	37.92	ng		99
20) 3+4-Methylphenols	8.19	107	123889	42.36	ng		94
22) Acetophenone	8.11	105	165698	36.28	ng		99
24) Nitrobenzene	8.36	77	134992	41.03	ng		99
25) Isophorone	8.76	82	251100	37.86	ng		99
26) 2-Nitrophenol	8.87	139	58716	38.89	ng		94
27) 2,4-Dimethylphenol	9.02	122	108951	40.14	ng		95
28) bis(2-Chloroethoxy)methane	9.15	93	143943	35.87	ng		99
29) 2,4-Dichlorophenol	9.29	162	96985	37.76	ng		95
30) 1,2,4-Trichlorobenzene	9.38	180	108197	36.89	ng		99
31) Naphthalene	9.48	128	368269	36.17	ng		99
32) Benzoic acid	9.34	122	61359	35.98	ng		99
33) 4-Chloroaniline	9.62	127	146200	38.23	ng		100
34) Hexachlorobutadiene	9.71	225	59196	35.04	ng		98
35) Caprolactam	10.26	113	29558	39.49	ng	#	83
36) 4-Chloro-3-methylphenol	10.48	107	111869	37.47	ng		97
37) 2-Methylnaphthalene	10.62	142	228029	36.41	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.89	216	125509	37.12	ng		100
40) Hexachlorocyclopentadiene	10.87	237	35590	36.02	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.11	196	64296	38.55	ng		99
43) 2,4,5-Trichlorophenol	11.18	196	70361	39.47	ng		95
45) 1,1'-Biphenyl	11.38	154	300088	36.99	ng		99
46) 2-Chloronaphthalene	11.39	162	222791	36.62	ng		98
47) 2-Nitroaniline	11.60	65	69904	35.65	ng		98
48) Acenaphthylene	12.04	152	366485	36.57	ng		100
49) Dimethylphthalate	11.94	163	274033	38.86	ng		100
50) 2,6-Dinitrotoluene	12.02	165	57040	40.68	ng		97
51) Acenaphthene	12.33	154	217073	37.50	ng		99
52) 3-Nitroaniline	12.28	138	60140	35.86	ng		97
53) 2,4-Dinitrophenol	12.50	184	15432	34.19	ng		98
54) Dibenzofuran	12.62	168	295385	37.12	ng		98
55) 4-Nitrophenol	12.67	139	31412	32.55	ng	#	54
56) 2,4-Dinitrotoluene	12.67	165	75969	38.52	ng		95
57) Fluorene	13.17	166	254352	37.40	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.85	232	48419	35.78	ng		100
59) Diethylphthalate	13.07	149	276864	37.96	ng		98
60) 4-Chlorophenyl-phenylether	13.20	204	118246	37.92	ng		100
61) 4-Nitroaniline	13.28	138	55852	37.04	ng		91
62) Azobenzene	13.45	77	267395	37.91	ng		92
64) 4,6-Dinitro-2-methylphenol	13.34	198	36146	35.62	ng		96
65) n-Nitrosodiphenylamine	13.41	169	210486	35.94	ng		100
66) 4-Bromophenyl-phenylether	13.98	248	63959	38.14	ng	#	78
67) Hexachlorobenzene	14.05	284	64750	35.10	ng		95
68) Atrazine	14.33	200	67203	41.10	ng		98
69) Pentachlorophenol	14.40	266	24411	33.44	ng		99
70) Phenanthrene	14.71	178	349322	37.05	ng		99
71) Anthracene	14.79	178	374510	37.05	ng		99
72) Carbazole	15.09	167	319628	37.94	ng		99
73) Di-n-butylphthalate	15.68	149	441214	38.72	ng		99
74) Fluoranthene	16.47	202	358217	36.96	ng		99
76) Benzidine	16.71	184	152600	40.36	ng		99
77) Pyrene	16.78	202	367825	33.36	ng		100
79) Butylbenzylphthalate	17.70	149	179301	38.21	ng		94
80) Benzo(a)anthracene	18.35	228	260028	36.29	ng		99
81) 3,3'-Dichlorobenzidine	18.34	252	88564	39.23	ng		98
82) Chrysene	18.40	228	276413	36.77	ng		99
83) Bis(2-ethylhexyl)phthalate	18.46	149	248605	38.26	ng	#	96
84) Di-n-octyl phthalate	19.22	149	377372	40.36	ng		99
85) Indeno(1,2,3-cd)pyrene	21.20	276	206048	36.09	ng		100
87) Benzo(b)fluoranthene	19.62	252	201765	37.70	ng		100
88) Benzo(k)fluoranthene	19.65	252	212139m	39.29	ng		
89) Benzo(a)pyrene	19.97	252	192117	38.34	ng		98
90) Dibenzo(a,h)anthracene	21.21	278	170127	36.35	ng		98
91) Benzo(g,h,i)perylene	21.53	276	176871	36.91	ng		94

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

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