Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098812.D
Acq On : 26 Sep 2017 5:41
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/26/2017 4:58:57 PM

Quant Time: Sep 26 08:56:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	161910	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	684674	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	299745	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	481363	20.00	ng		0.00
75) Chrysene-d12	14.08	240	275395	20.00	ng		0.00
86) Perylene-d12	15.57	264	276032	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	805618	79.21	ng		-0.01
7) Phenol-d6	6.54	99	1001460	79.82	ng		0.00
23) Nitrobenzene-d5	7.48	82	849056	79.53	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	190268	77.57	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1469028	81.82	ng		0.00
78) Terphenyl-d14	13.02	244	1087928	89.84	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	182701	37.604	ng		98
3) Pyridine	3.49	79	501535	38.159	ng		95
4) n-Nitrosodimethylamine	3.45	42	207896	37.302	ng		93
6) Aniline	6.58	93	664481	39.239	ng		99
8) 2-Chlorophenol	6.70	128	455751	39.568	ng		99
9) Benzaldehyde	6.47	77	278714	38.295	ng		98
10) Phenol	6.55	94	550865	39.257	ng		99
11) bis(2-Chloroethyl)ether	6.65	93	434302	39.812	ng		98
12) 1,3-Dichlorobenzene	6.86	146	477084	39.551	ng		99
13) 1,4-Dichlorobenzene	6.93	146	483935	39.431	ng		99
14) 1,2-Dichlorobenzene	7.09	146	450770	39.750	ng		100
15) Benzyl Alcohol	7.06	79	360066	39.118	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.19	45	661176	38.902	ng		99
17) 2-Methylphenol	7.16	107	367638	39.009	ng		98
18) Hexachloroethane	7.43	117	159686	36.199	ng		94
19) n-Nitroso-di-n-propylamine	7.33	70	305815	38.176	ng		97
20) 3+4-Methylphenols	7.32	107	464756	38.981	ng		94
22) Acetophenone	7.33	105	624343	37.637	ng	#	96
24) Nitrobenzene	7.50	77	472274	38.996	ng		100
25) Isophorone	7.74	82	851753	38.587	ng		99
26) 2-Nitrophenol	7.82	139	233644	40.118	ng		89
27) 2,4-Dimethylphenol	7.85	122	420279	38.213	ng		99
28) bis(2-Chloroethoxy)methane	7.95	93	539253	39.202	ng		99
29) 2,4-Dichlorophenol	8.05	162	369928	39.175	ng		98
30) 1,2,4-Trichlorobenzene	8.14	180	369295	39.102	ng		98
31) Naphthalene	8.22	128	1230574	38.268	ng		99
32) Benzoic acid	7.96	122	302468	33.480	ng		99
33) 4-Chloroaniline	8.27	127	527920	39.313	ng		96
34) Hexachlorobutadiene	8.33	225	191710	39.409	ng		99
35) Caprolactam	8.65	113	117803	38.891	ng		96
36) 4-Chloro-3-methylphenol	8.74	107	409186	38.552	ng		98
37) 2-Methylnaphthalene	8.91	142	804171	38.469	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	368338	41.205	ng		99
40) Hexachlorocyclopentadiene	9.06	237	44405	10.870	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	255722	40.380	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	255464	40.410	ng		99
45) 1,1'-Biphenyl	9.37	154	1027590	39.889	ng		99
46) 2-Chloronaphthalene	9.40	162	765487	39.576	ng		97
47) 2-Nitroaniline	9.49	65	240938	40.681	ng		96
48) Acenaphthylene	9.82	152	1159878	39.172	ng		99
49) Dimethylphthalate	9.67	163	931092	41.157	ng		100
50) 2,6-Dinitrotoluene	9.74	165	200817	40.773	ng		89
51) Acenaphthene	9.99	154	690260	36.802	ng		99
52) 3-Nitroaniline	9.91	138	241041	41.973	ng		88
53) 2,4-Dinitrophenol	10.00	184	13471	10.699	ng	#	68
54) Dibenzofuran	10.16	168	979994	39.242	ng		99
55) 4-Nitrophenol	10.06	139	180347	37.140	ng		86
56) 2,4-Dinitrotoluene	10.14	165	257388	40.267	ng		93
57) Fluorene	10.50	166	769328	38.328	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	162272	37.158	ng		98
59) Diethylphthalate	10.37	149	892976	40.395	ng		99
60) 4-Chlorophenyl-phenylether	10.49	204	358637	39.776	ng		100
61) 4-Nitroaniline	10.52	138	225381	40.679	ng		92
62) Azobenzene	10.65	77	788656	38.801	ng		98
64) 4,6-Dinitro-2-methylphenol	10.55	198	29633	10.118	ng		86
65) n-Nitrosodiphenylamine	10.61	169	711428	42.662	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	201747	42.818	ng		92
67) Hexachlorobenzene	11.05	284	207764	41.286	ng		98
68) Atrazine	11.13	200	206901	41.238	ng		100
69) Pentachlorophenol	11.24	266	103161	32.938	ng		99
70) Phenanthrene	11.47	178	1006494	39.063	ng		99
71) Anthracene	11.52	178	1027231	38.964	ng		100
72) Carbazole	11.67	167	991848	38.418	ng		100
73) Di-n-butylphthalate	11.99	149	1333734	42.920	ng		100
74) Fluoranthene	12.65	202	870881	33.379	ng		99
76) Benzidine	12.77	184	434724	42.679	ng		100
77) Pyrene	12.88	202	870260	41.441	ng		99
79) Butylbenzylphthalate	13.49	149	458302	46.436	ng		98
80) Benzo(a)anthracene	14.07	228	649852	38.970	ng		100
81) 3,3'-Dichlorobenzidine	14.03	252	251970	41.218	ng		98
82) Chrysene	14.10	228	627408	39.519	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	646478	47.571	ng		99
84) Di-n-octyl phthalate	14.66	149	989895	45.237	ng		98
85) Indeno(1,2,3-cd)pyrene	17.07	276	592574	46.659	ng		97
87) Benzo(b)fluoranthene	15.13	252	651168m	38.368	ng		
88) Benzo(k)fluoranthene	15.16	252	616352	36.769	ng		99
89) Benzo(a)pyrene	15.51	252	603510	38.739	ng		98
90) Dibenzo(a,h)anthracene	17.10	278	498358	39.972	ng		99
91) Benzo(g,h,i)perylene	17.53	276	450911	36.588	ng		95

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

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