Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109242.D
Acq On : 23 Sep 2018 00:37
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
9/24/2018 11:39:12 AM

Quant Time: Sep 24 08:12:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	108899	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	418613	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	183601	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	294969	20.00	ng		0.00
75) Chrysene-d12	13.85	240	206366	20.00	ng		0.00
86) Perylene-d12	15.24	264	195017	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	526119	79.57	ng		0.00
7) Phenol-d6	6.35	99	668598	79.25	ng		0.00
23) Nitrobenzene-d5	7.27	82	607762	85.70	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	132606	73.27	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1054433	86.62	ng		0.00
78) Terphenyl-d14	12.80	244	646059	76.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	116930	38.400	ng		93
3) Pyridine	3.05	79	318596	40.652	ng		93
4) n-Nitrosodimethylamine	2.99	42	134673	40.379	ng	#	99
6) Aniline	6.37	93	419066	38.824	ng	#	87
8) 2-Chlorophenol	6.49	128	294608	40.070	ng		99
9) Benzaldehyde	6.25	77	216310	39.911	ng		96
10) Phenol	6.36	94	367312	38.445	ng	#	71
11) bis(2-Chloroethyl)ether	6.45	93	290449	38.850	ng		98
12) 1,3-Dichlorobenzene	6.65	146	334728	39.541	ng		99
13) 1,4-Dichlorobenzene	6.73	146	337730	39.601	ng		99
14) 1,2-Dichlorobenzene	6.88	146	307669	39.108	ng		99
15) Benzyl Alcohol	6.85	79	259057	40.115	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	410988	38.756	ng		95
17) 2-Methylphenol	6.97	107	228751	38.451	ng		96
18) Hexachloroethane	7.22	117	104910	34.916	ng		96
19) n-Nitroso-di-n-propylamine	7.13	70	215915	39.057	ng		97
20) 3+4-Methylphenols	7.12	107	282191	39.289	ng	#	56
22) Acetophenone	7.12	105	384018	39.678	ng	#	91
24) Nitrobenzene	7.29	77	315236	41.808	ng		98
25) Isophorone	7.53	82	506542	39.668	ng		97
26) 2-Nitrophenol	7.61	139	129581	43.457	ng		96
27) 2,4-Dimethylphenol	7.65	122	226154	40.645	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	339480	40.161	ng		99
29) 2,4-Dichlorophenol	7.85	162	237907	40.696	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	257441	39.410	ng		97
31) Naphthalene	8.02	128	771270	39.428	ng		100
32) Benzoic acid	7.76	122	126751m	35.573	ng		
33) 4-Chloroaniline	8.06	127	337758	39.524	ng		98
34) Hexachlorobutadiene	8.14	225	160478	40.751	ng		99
35) Caprolactam	8.43	113	74719	40.033	ng		89
36) 4-Chloro-3-methylphenol	8.55	107	244057	39.674	ng		98
37) 2-Methylnaphthalene	8.70	142	492008	39.016	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	251874	43.106	ng		98
40) Hexachlorocyclopentadiene	8.86	237	23837	9.353	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	162416	43.309	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	165679	41.831	ng		96
45) 1,1'-Biphenyl	9.17	154	628101	41.988	ng		98
46) 2-Chloronaphthalene	9.19	162	490967	41.083	ng		97
47) 2-Nitroaniline	9.28	65	153512	45.308	ng		94
48) Acenaphthylene	9.60	152	715722	39.700	ng		100
49) Dimethylphthalate	9.47	163	567258	42.479	ng		99
50) 2,6-Dinitrotoluene	9.53	165	116366	43.998	ng		96
51) Acenaphthene	9.77	154	422500	38.762	ng		99
52) 3-Nitroaniline	9.69	138	136423	44.541	ng		96
53) 2,4-Dinitrophenol	9.80	184	6623	14.813	ng	#	19
54) Dibenzofuran	9.95	168	626805	38.668	ng		98
55) 4-Nitrophenol	9.85	139	81610	35.370	ng		93
56) 2,4-Dinitrotoluene	9.93	165	137179	40.993	ng	#	97
57) Fluorene	10.29	166	426027	36.835	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	120971	38.575	ng		90
59) Diethylphthalate	10.16	149	564558	41.748	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	237742	39.355	ng		95
61) 4-Nitroaniline	10.30	138	120401	40.309	ng		93
62) Azobenzene	10.44	77	525997	37.438	ng		95
64) 4,6-Dinitro-2-methylphenol	10.33	198	15354	17.759	ng		90
65) n-Nitrosodiphenylamine	10.40	169	456866	46.879	ng		94
66) 4-Bromophenyl-phenylether	10.77	248	147595	45.060	ng	#	85
67) Hexachlorobenzene	10.84	284	145350	41.782	ng	#	87
68) Atrazine	10.92	200	129536	43.218	ng		98
69) Pentachlorophenol	11.03	266	80335	38.584	ng		99
70) Phenanthrene	11.24	178	585256	39.738	ng		99
71) Anthracene	11.29	178	586186	39.242	ng		100
72) Carbazole	11.45	167	565553	38.053	ng		99
73) Di-n-butylphthalate	11.79	149	767722	44.870	ng		99
74) Fluoranthene	12.42	202	548325	34.838	ng		95
76) Benzidine	12.55	184	335954	45.152	ng		98
77) Pyrene	12.65	202	561177	37.943	ng		99
79) Butylbenzylphthalate	13.27	149	260437	41.390	ng		96
80) Benzo(a)anthracene	13.83	228	488310	39.285	ng		100
81) 3,3'-Dichlorobenzidine	13.80	252	210374	44.534	ng	#	94
82) Chrysene	13.87	228	484098	39.293	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	336775	42.439	ng		99
84) Di-n-octyl phthalate	14.44	149	614080	45.259	ng		99
85) Indeno(1,2,3-cd)pyrene	16.59	276	369399	36.991	ng	#	93
87) Benzo(b)fluoranthene	14.84	252	420340	39.225	ng		98
88) Benzo(k)fluoranthene	14.87	252	431927m	42.476	ng		
89) Benzo(a)pyrene	15.19	252	388121	40.194	ng		98
90) Dibenzo(a,h)anthracene	16.60	278	311396	39.309	ng		96
91) Benzo(g,h,i)perylene	16.99	276	290728	37.342	ng	#	93

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

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