Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108987.D
Acq On : 14 Sep 2018 10:58
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
9/17/2018 1:59:15 PM

Quant Time: Sep 14 12:55:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 12:24:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	150821	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	608255	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	299240	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	583851	20.00	ng		0.00
75) Chrysene-d12	13.86	240	391797	20.00	ng		0.00
86) Perylene-d12	15.25	264	360063	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	717095	78.77	ng		0.00
7) Phenol-d6	6.36	99	928225	79.24	ng		0.00
23) Nitrobenzene-d5	7.29	82	855391	88.01	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	260460	91.18	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1508360	85.99	ng		0.00
78) Terphenyl-d14	12.81	244	1342564	79.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	173640	39.687	ng		92
3) Pyridine	3.09	79	471926	39.386	ng		91
4) n-Nitrosodimethylamine	3.03	42	176960	38.452	ng		94
6) Aniline	6.38	93	611812	38.834	ng		97
8) 2-Chlorophenol	6.51	128	406043	40.294	ng		98
9) Benzaldehyde	6.27	77	310589	37.376	ng		99
10) Phenol	6.37	94	520051	38.762	ng		86
11) bis(2-Chloroethyl)ether	6.46	93	408816	38.038	ng		98
12) 1,3-Dichlorobenzene	6.67	146	461143	40.102	ng		99
13) 1,4-Dichlorobenzene	6.74	146	467420	40.647	ng		98
14) 1,2-Dichlorobenzene	6.90	146	426505	40.238	ng		99
15) Benzyl Alcohol	6.87	79	358657	39.898	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	591508	36.818	ng		95
17) 2-Methylphenol	6.98	107	330789	38.844	ng		97
18) Hexachloroethane	7.24	117	169640	40.912	ng		98
19) n-Nitroso-di-n-propylamine	7.14	70	304335	37.378	ng		97
20) 3+4-Methylphenols	7.14	107	392882	39.384	ng	#	58
22) Acetophenone	7.14	105	532116	38.547	ng	#	92
24) Nitrobenzene	7.31	77	448725	43.028	ng		97
25) Isophorone	7.55	82	732819	37.799	ng		98
26) 2-Nitrophenol	7.62	139	212686	51.766	ng		97
27) 2,4-Dimethylphenol	7.67	122	325191	38.976	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	496974	38.341	ng		99
29) 2,4-Dichlorophenol	7.86	162	351547	40.863	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	369877	39.672	ng		96
31) Naphthalene	8.03	128	1107230	40.461	ng		99
32) Benzoic acid	7.79	122	203338m	39.802	ng		
33) 4-Chloroaniline	8.07	127	498883	39.694	ng		99
34) Hexachlorobutadiene	8.15	225	228516	41.028	ng		97
35) Caprolactam	8.45	113	115016	39.454	ng	#	83
36) 4-Chloro-3-methylphenol	8.56	107	366790	40.022	ng		98
37) 2-Methylnaphthalene	8.72	142	715789	39.593	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	368690	41.217	ng		98
40) Hexachlorocyclopentadiene	8.88	237	199853	44.411	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	254755	41.813	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	260650	41.271	ng		96
45) 1,1'-Biphenyl	9.18	154	928607	40.309	ng		99
46) 2-Chloronaphthalene	9.21	162	743602	39.911	ng		97
47) 2-Nitroaniline	9.30	65	234551	46.082	ng		96
48) Acenaphthylene	9.62	152	1117243	40.230	ng		100
49) Dimethylphthalate	9.48	163	839209	40.096	ng		99
50) 2,6-Dinitrotoluene	9.54	165	192521	48.273	ng		94
51) Acenaphthene	9.79	154	709835	41.304	ng		97
52) 3-Nitroaniline	9.71	138	223363	47.050	ng		98
53) 2,4-Dinitrophenol	9.81	184	74388	64.135	ng	#	20
54) Dibenzofuran	9.96	168	1012082	40.400	ng		98
55) 4-Nitrophenol	9.86	139	170239	47.967	ng		96
56) 2,4-Dinitrotoluene	9.94	165	251125	49.238	ng	#	92
57) Fluorene	10.30	166	691971	43.043	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	217194	42.645	ng	#	89
59) Diethylphthalate	10.18	149	856200	39.641	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	373426	43.494	ng		94
61) 4-Nitroaniline	10.32	138	213255	49.586	ng		97
62) Azobenzene	10.45	77	868946	38.975	ng		96
64) 4,6-Dinitro-2-methylphenol	10.35	198	111795	54.330	ng		85
65) n-Nitrosodiphenylamine	10.41	169	748474	38.558	ng		95
66) 4-Bromophenyl-phenylether	10.78	248	258867	39.256	ng	#	86
67) Hexachlorobenzene	10.85	284	276233	39.241	ng	#	84
68) Atrazine	10.94	200	238774	38.423	ng		96
69) Pentachlorophenol	11.04	266	192897	44.821	ng		100
70) Phenanthrene	11.25	178	1106016	39.668	ng		99
71) Anthracene	11.31	178	1107182	41.475	ng		100
72) Carbazole	11.46	167	1113051	39.591	ng		100
73) Di-n-butylphthalate	11.80	149	1315372	42.133	ng		99
74) Fluoranthene	12.44	202	1161835	42.087	ng		98
76) Benzidine	12.55	184	552933	29.776	ng		99
77) Pyrene	12.67	202	1194532	39.622	ng		99
79) Butylbenzylphthalate	13.29	149	546879	40.281	ng		96
80) Benzo(a)anthracene	13.85	228	964927	38.424	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	403226	41.212	ng	#	98
82) Chrysene	13.88	228	972200	39.990	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	661908	38.795	ng		99
84) Di-n-octyl phthalate	14.46	149	1112177	39.099	ng		99
85) Indeno(1,2,3-cd)pyrene	16.61	276	699726	32.523	ng		94
87) Benzo(b)fluoranthene	14.86	252	839796	42.894	ng		98
88) Benzo(k)fluoranthene	14.89	252	738861	40.979	ng		98
89) Benzo(a)pyrene	15.20	252	709337	40.153	ng		99
90) Dibenzo(a,h)anthracene	16.62	278	578052	37.134	ng		97
91) Benzo(g,h,i)perylene	17.01	276	576939	37.017	ng		94

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

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