Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114017.D
Acq On : 29 Apr 2019 11:45
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/30/2019 6:42:12 PM

Quant Time: Apr 30 10:18:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	149803	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	595237	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	317288	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	622819	20.00	ng		0.00
76) Chrysene-d12	14.06	240	431307	20.00	ng		0.00
87) Perylene-d12	15.56	264	354891	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	690527	78.84	ng		0.00
7) Phenol-d6	6.53	99	879868	80.07	ng		0.00
23) Nitrobenzene-d5	7.46	82	824202	85.49	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	310502	80.33	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1593804	78.56	ng		0.00
79) Terphenyl-d14	13.00	244	1881099	89.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	156420	37.886	ng		94
3) Pyridine	3.46	79	426087	37.809	ng		97
4) n-Nitrosodimethylamine	3.41	42	146187	37.895	ng		93
6) Aniline	6.56	93	602796	39.948	ng		98
8) 2-Chlorophenol	6.69	128	404336	40.435	ng		94
9) Benzaldehyde	6.45	77	248356	39.802	ng		94
10) Phenol	6.54	94	516814	39.331	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	389618	39.403	ng		100
12) 1,3-Dichlorobenzene	6.84	146	458083	40.448	ng		99
13) 1,4-Dichlorobenzene	6.92	146	460290	40.408	ng		99
14) 1,2-Dichlorobenzene	7.07	146	428016	40.885	ng		99
15) Benzyl Alcohol	7.03	79	347202	46.914	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	444912	38.545	ng		93
17) 2-Methylphenol	7.15	107	331326	37.799	ng		99
18) Hexachloroethane	7.41	117	166204	41.623	ng		96
19) n-Nitroso-di-n-propylamine	7.31	70	285213	40.080	ng		98
20) 3+4-Methylphenols	7.30	107	404616	40.857	ng	#	89
22) Acetophenone	7.30	105	535370	40.418	ng	#	93
24) Nitrobenzene	7.47	77	443698	41.653	ng		99
25) Isophorone	7.72	82	781255	39.606	ng		100
26) 2-Nitrophenol	7.79	139	224459	46.189	ng		98
27) 2,4-Dimethylphenol	7.83	122	302478	38.203	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	503683	40.071	ng		100
29) 2,4-Dichlorophenol	8.03	162	369611	40.823	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	409376	40.551	ng		99
31) Naphthalene	8.20	128	1158978	40.987	ng		99
32) Benzoic acid	7.96	122	240071m	44.899	ng		
33) 4-Chloroaniline	8.25	127	480924	40.195	ng		96
34) Hexachlorobutadiene	8.32	225	260487	41.391	ng		98
35) Caprolactam	8.62	113	113703	39.478	ng		86
36) 4-Chloro-3-methylphenol	8.72	107	366762	40.887	ng		99
37) 2-Methylnaphthalene	8.89	142	775355	40.662	ng		98
38) 1-Methylnaphthalene	8.99	142	747379	40.609	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	413572	40.127	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	214080	37.248	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	264329	40.389	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	292547	39.852	ng		98
46) 1,1'-Biphenyl	9.35	154	978028	40.350	ng		99
47) 2-Chloronaphthalene	9.37	162	798067	40.488	ng		97
48) 2-Nitroaniline	9.47	65	221245	42.817	ng		87
49) Acenaphthylene	9.79	152	1242787	40.274	ng		99
50) Dimethylphthalate	9.65	163	929088	40.489	ng		99
51) 2,6-Dinitrotoluene	9.71	165	212241	43.113	ng		99
52) Acenaphthene	9.96	154	739325	40.541	ng		98
53) 3-Nitroaniline	9.88	138	217630	42.069	ng		91
54) 2,4-Dinitrophenol	9.98	184	92341	47.165	ng	#	4
55) Dibenzofuran	10.13	168	1105573	40.472	ng		97
56) 4-Nitrophenol	10.03	139	171241	41.807	ng		95
57) 2,4-Dinitrotoluene	10.11	165	280399	45.125	ng		96
58) Fluorene	10.48	166	830465	40.380	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	251740	39.024	ng		98
60) Diethylphthalate	10.35	149	880975	40.429	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	440018	40.399	ng		100
62) 4-Nitroaniline	10.49	138	216749	42.935	ng		97
63) Azobenzene	10.63	77	838317	39.694	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	128066	45.340	ng		98
66) n-Nitrosodiphenylamine	10.59	169	743473	39.784	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	294684	39.166	ng		98
68) Hexachlorobenzene	11.03	284	322197	38.969	ng		96
69) Atrazine	11.11	200	237839	39.123	ng		99
70) Pentachlorophenol	11.22	266	189029	40.380	ng		97
71) Phenanthrene	11.44	178	1253278	40.041	ng		100
72) Anthracene	11.49	178	1271267	40.220	ng		99
73) Carbazole	11.64	167	1142380	40.511	ng		99
74) Di-n-butylphthalate	11.97	149	1367926	41.238	ng		100
75) Fluoranthene	12.62	202	1306579	38.261	ng		99
77) Benzidine	12.74	184	507377	39.481	ng		98
78) Pyrene	12.85	202	1323333	43.874	ng		99
80) Butylbenzylphthalate	13.47	149	543953	45.837	ng		95
81) Benzo(a)anthracene	14.05	228	1117442	43.973	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	423980	45.520	ng	#	98
83) Chrysene	14.09	228	1095740	44.275	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	710399	47.050	ng		100
85) Di-n-octyl phthalate	14.68	149	1072186	45.368	ng		98
86) Indeno(1,2,3-cd)pyrene	17.06	276	858325	36.614	ng		98
88) Benzo(b)fluoranthene	15.13	252	910080	40.531	ng		100
89) Benzo(k)fluoranthene	15.16	252	854844	44.260	ng		99
90) Benzo(a)pyrene	15.50	252	805018	41.450	ng		99
91) Dibenzo(a,h)anthracene	17.07	278	702506	38.533	ng		99
92) Benzo(g,h,i)perylene	17.51	276	709678	38.573	ng		97

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

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