Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113060.D
Acq On : 15 Mar 2019 12:33
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/18/2019 2:59:24 PM

Quant Time: Mar 15 14:19:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	203303	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	811264	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	413978	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	792124	20.00	ng		0.00
76) Chrysene-d12	13.87	240	587140	20.00	ng		0.00
87) Perylene-d12	15.27	264	531416	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	963523	73.72	ng		0.00
7) Phenol-d6	6.38	99	1156034	70.41	ng		0.00
23) Nitrobenzene-d5	7.30	82	1115872	82.31	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	392848	89.39	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	2037305	80.37	ng		0.00
79) Terphenyl-d14	12.82	244	2118514	69.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	243515	37.170	ng		98
3) Pyridine	3.12	79	577356	32.940	ng		99
4) n-Nitrosodimethylamine	3.06	42	255118	33.274	ng		97
6) Aniline	6.39	93	730270	32.315	ng	#	27
8) 2-Chlorophenol	6.52	128	556253	38.234	ng		94
9) Benzaldehyde	6.27	77	411987	34.827	ng		99
10) Phenol	6.39	94	649307	33.892	ng	#	74
11) bis(2-Chloroethyl)ether	6.47	93	521138	35.440	ng		98
12) 1,3-Dichlorobenzene	6.67	146	595393	39.616	ng		95
13) 1,4-Dichlorobenzene	6.75	146	599315	39.763	ng		99
14) 1,2-Dichlorobenzene	6.90	146	565191	40.906	ng		97
15) Benzyl Alcohol	6.88	79	467851	37.371	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.01	45	846670	34.502	ng		88
17) 2-Methylphenol	7.00	107	441208	37.382	ng		97
18) Hexachloroethane	7.25	117	222134	38.475	ng	#	90
19) n-Nitroso-di-n-propylamine	7.15	70	375700	36.132	ng		99
20) 3+4-Methylphenols	7.15	107	514502	38.611	ng	#	76
22) Acetophenone	7.15	105	771612	40.676	ng	#	94
24) Nitrobenzene	7.32	77	591987	39.231	ng		96
25) Isophorone	7.56	82	1066098	36.500	ng		98
26) 2-Nitrophenol	7.63	139	313688	49.938	ng		95
27) 2,4-Dimethylphenol	7.67	122	445339	38.108	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	689985	37.784	ng		100
29) 2,4-Dichlorophenol	7.87	162	477564	42.141	ng		99
30) 1,2,4-Trichlorobenzene	7.96	180	509762	41.863	ng		97
31) Naphthalene	8.03	128	1560923	38.754	ng		99
32) Benzoic acid	7.82	122	354821	43.320	ng		93
33) 4-Chloroaniline	8.09	127	670838	39.323	ng		99
34) Hexachlorobutadiene	8.16	225	314184	45.751	ng		99
35) Caprolactam	8.47	113	164030	41.096	ng		93
36) 4-Chloro-3-methylphenol	8.57	107	519382	41.412	ng		98
37) 2-Methylnaphthalene	8.73	142	1076632	41.392	ng		99
38) 1-Methylnaphthalene	8.82	142	1024769	40.672	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	520954	43.154	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	239142	36.175	ng		99
43) 2,4,6-Trichlorophenol	9.00	196	347897	41.873	ng		100
44) 2,4,5-Trichlorophenol	9.05	196	383086	42.659	ng		97
46) 1,1'-Biphenyl	9.19	154	1339308	39.664	ng		100
47) 2-Chloronaphthalene	9.21	162	1028302	39.001	ng		99
48) 2-Nitroaniline	9.31	65	336107	41.940	ng		94
49) Acenaphthylene	9.63	152	1665826	37.217	ng		100
50) Dimethylphthalate	9.49	163	1244189	40.760	ng		99
51) 2,6-Dinitrotoluene	9.55	165	277178	43.606	ng		86
52) Acenaphthene	9.80	154	929013	35.492	ng		99
53) 3-Nitroaniline	9.72	138	318381	41.106	ng		97
54) 2,4-Dinitrophenol	9.83	184	120762	49.152	ng		99
55) Dibenzofuran	9.97	168	1421636	37.369	ng		98
56) 4-Nitrophenol	9.89	139	235835	37.465	ng		94
57) 2,4-Dinitrotoluene	9.96	165	356573	45.129	ng	#	85
58) Fluorene	10.31	166	1045543	38.722	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	317908	42.490	ng		95
60) Diethylphthalate	10.19	149	1200657	37.243	ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	526407	41.902	ng		93
62) 4-Nitroaniline	10.33	138	317563	44.370	ng		94
63) Azobenzene	10.46	77	1105809	33.488	ng		94
65) 4,6-Dinitro-2-methylphenol	10.36	198	159322	48.859	ng		84
66) n-Nitrosodiphenylamine	10.42	169	975772	38.410	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	354011	42.430	ng		98
68) Hexachlorobenzene	10.86	284	404785	43.038	ng	#	88
69) Atrazine	10.95	200	284880	36.615	ng		98
70) Pentachlorophenol	11.05	266	230581	41.654	ng		99
71) Phenanthrene	11.27	178	1523229	38.650	ng		100
72) Anthracene	11.32	178	1565668	37.951	ng		100
73) Carbazole	11.47	167	1512087	37.572	ng		99
74) Di-n-butylphthalate	11.80	149	1807862	37.464	ng		99
75) Fluoranthene	12.45	202	1655337	39.203	ng		96
77) Benzidine	12.57	184	831012	27.280	ng		99
78) Pyrene	12.67	202	1753671	35.430	ng		100
80) Butylbenzylphthalate	13.29	149	807035	36.938	ng		95
81) Benzo(a)anthracene	13.86	228	1334391	32.792	ng		100
82) 3,3'-Dichlorobenzidine	13.82	252	577007	37.492	ng		98
83) Chrysene	13.90	228	1401764	35.167	ng		100
84) Bis(2-ethylhexyl)phthalate	13.86	149	957016	37.344	ng		100
85) Di-n-octyl phthalate	14.46	149	1697758	38.581	ng		98
86) Indeno(1,2,3-cd)pyrene	16.64	276	1211495	35.651	ng		94
88) Benzo(b)fluoranthene	14.88	252	1338927m	38.952	ng		
89) Benzo(k)fluoranthene	14.90	252	1044690	33.553	ng		98
90) Benzo(a)pyrene	15.22	252	1153770	37.948	ng		98
91) Dibenzo(a,h)anthracene	16.66	278	1003699	38.687	ng	#	96
92) Benzo(g,h,i)perylene	17.05	276	1017709	39.065	ng		95

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

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