Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
Data File : BF113346.D
Acq On : 27 Mar 2019 23:33
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/28/2019 8:41:31 AM

Quant Time: Mar 28 04:25:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	165665	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	633951	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	283122	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	475381	20.00	ng	0.00
76) Chrysene-d12	13.84	240	401065	20.00	ng	0.00
87) Perylene-d12	15.24	264	346272	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	799789	78.94	ng	0.00
7) Phenol-d6	6.36	99	970809	75.74	ng	0.00
23) Nitrobenzene-d5	7.27	82	895921	83.88	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	237032	67.78	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1522744	84.12	ng	0.00
79) Terphenyl-d14	12.79	244	1360299	74.76	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.33	88	193085	37.562	ng	98
3) Pyridine	3.04	79	517343	40.824	ng	96
4) n-Nitrosodimethylamine	2.98	42	212949	37.800	ng	90
6) Aniline	6.37	93	605639	38.802	ng	98
8) 2-Chlorophenol	6.49	128	459973	39.095	ng	98
9) Benzaldehyde	6.25	77	348841	40.559	ng	99
10) Phenol	6.37	94	553935	37.856	ng	97
11) bis(2-Chloroethyl)ether	6.44	93	430997	38.426	ng	99
12) 1,3-Dichlorobenzene	6.65	146	487016	38.401	ng	99
13) 1,4-Dichlorobenzene	6.72	146	491349	40.126	ng	100
14) 1,2-Dichlorobenzene	6.87	146	452800	37.586	ng	99
15) Benzyl Alcohol	6.85	79	346548	40.984	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	655327	38.892	ng	95
17) 2-Methylphenol	6.97	107	356192	38.631	ng	99
18) Hexachloroethane	7.22	117	150272	34.167	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	289176	35.918	ng	98
20) 3+4-Methylphenols	7.13	107	436936	40.509	ng	99
22) Acetophenone	7.12	105	580963	40.184	ng	97
24) Nitrobenzene	7.29	77	470234	42.190	ng	95
25) Isophorone	7.53	82	809306	39.099	ng	97
26) 2-Nitrophenol	7.60	139	194987	33.097	ng	96
27) 2,4-Dimethylphenol	7.65	122	352593	41.606	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	534116	40.976	ng	100
29) 2,4-Dichlorophenol	7.85	162	367188	39.982	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	400521	40.423	ng	98
31) Naphthalene	8.01	128	1249786	40.342	ng	99
32) Benzoic acid	7.76	122	154517m	22.651	ng	
33) 4-Chloroaniline	8.06	127	521093	43.135	ng	98
34) Hexachlorobutadiene	8.13	225	238014	40.417	ng	99
35) Caprolactam	8.44	113	112336	38.113	ng	95
36) 4-Chloro-3-methylphenol	8.55	107	363335	39.334	ng	97
37) 2-Methylnaphthalene	8.70	142	798897	41.329	ng	100
38) 1-Methylnaphthalene	8.80	142	781111	42.011	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	387591	42.648	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	16317	4.242	ng		99
43) 2,4,6-Trichlorophenol	8.98	196	226945	38.347	ng		96
44) 2,4,5-Trichlorophenol	9.03	196	236172	36.059	ng		98
46) 1,1'-Biphenyl	9.16	154	979104	41.406	ng		99
47) 2-Chloronaphthalene	9.19	162	749584	41.172	ng		99
48) 2-Nitroaniline	9.29	65	244329	42.764	ng		94
49) Acenaphthylene	9.60	152	1203753	40.891	ng		100
50) Dimethylphthalate	9.46	163	854042	40.704	ng		100
51) 2,6-Dinitrotoluene	9.53	165	178076	37.621	ng		88
52) Acenaphthene	9.77	154	674811	40.705	ng		99
53) 3-Nitroaniline	9.69	138	228100	42.732	ng		93
54) 2,4-Dinitrophenol	9.82	184	2014	0.855	ng	#	63
55) Dibenzofuran	9.94	168	1012876	40.641	ng		99
56) 4-Nitrophenol	9.87	139	111383	29.268	ng		95
57) 2,4-Dinitrotoluene	9.93	165	207881	34.535	ng		98
58) Fluorene	10.28	166	743826	38.419	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	186082	33.597	ng		98
60) Diethylphthalate	10.16	149	801212	38.926	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	371487	39.369	ng		95
62) 4-Nitroaniline	10.30	138	209580	38.134	ng		97
63) Azobenzene	10.43	77	750642	38.742	ng		97
65) 4,6-Dinitro-2-methylphenol	10.35	198	5407	2.079	ng		96
66) n-Nitrosodiphenylamine	10.39	169	670330	45.953	ng		100
67) 4-Bromophenyl-phenylether	10.76	248	234526	45.264	ng		93
68) Hexachlorobenzene	10.83	284	265036	44.069	ng		98
69) Atrazine	10.92	200	194381	42.218	ng		97
70) Pentachlorophenol	11.03	266	164577	52.524	ng		99
71) Phenanthrene	11.24	178	996857	42.226	ng		99
72) Anthracene	11.29	178	1026292	42.799	ng		99
73) Carbazole	11.45	167	940147	41.088	ng		99
74) Di-n-butylphthalate	11.77	149	1125484	42.417	ng		100
75) Fluoranthene	12.42	202	1034985	38.781	ng		100
77) Benzidine	12.54	184	540755	35.208	ng		99
78) Pyrene	12.64	202	1062741	38.238	ng		99
80) Butylbenzylphthalate	13.26	149	439229	35.860	ng		99
81) Benzo(a)anthracene	13.83	228	942829	41.068	ng		100
82) 3,3'-Dichlorobenzidine	13.79	252	387505	42.075	ng		99
83) Chrysene	13.87	228	958611	41.109	ng		99
84) Bis(2-ethylhexyl)phthalate	13.83	149	532856	35.488	ng		99
85) Di-n-octyl phthalate	14.43	149	1008467	39.567	ng		100
86) Indeno(1,2,3-cd)pyrene	16.60	276	742333	37.093	ng		98
88) Benzo(b)fluoranthene	14.84	252	860057	39.983	ng		98
89) Benzo(k)fluoranthene	14.87	252	841281	44.536	ng		99
90) Benzo(a)pyrene	15.19	252	767903	40.268	ng		99
91) Dibenzo(a,h)anthracene	16.60	278	620032	37.603	ng		99
92) Benzo(g,h,i)perylene	17.00	276	594704	35.771	ng		98

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

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