Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113818.D
Acq On : 18 Apr 2019 15:34
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/23/2019 8:16:38 AM

Quant Time: Apr 18 18:26:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 13:55:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	186650	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	738949	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	375809	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	720987	20.00	ng	0.00
76) Chrysene-d12	14.04	240	562418	20.00	ng	0.00
87) Perylene-d12	15.51	264	417680	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	918611	81.83	ng	0.00
7) Phenol-d6	6.52	99	1140762	81.49	ng	0.00
23) Nitrobenzene-d5	7.46	82	1016046	83.73	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	349138	84.09	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1890673	76.72	ng	0.00
79) Terphenyl-d14	12.99	244	2194398	81.82	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	225150	40.309	ng	99
3) Pyridine	3.45	79	623598	40.577	ng	100
4) n-Nitrosodimethylamine	3.40	42	215444	40.167	ng	98
6) Aniline	6.56	93	799311	40.238	ng	99
8) 2-Chlorophenol	6.68	128	517383	41.068	ng	99
9) Benzaldehyde	6.44	77	337626	42.388	ng	99
10) Phenol	6.53	94	644018	41.040	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	517225	40.601	ng	99
12) 1,3-Dichlorobenzene	6.84	146	576967	41.221	ng	99
13) 1,4-Dichlorobenzene	6.92	146	575869	41.123	ng	99
14) 1,2-Dichlorobenzene	7.07	146	539584	41.812	ng	99
15) Benzyl Alcohol	7.03	79	469613	41.410	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	624032	40.386	ng	99
17) 2-Methylphenol	7.14	107	414447	40.274	ng	99
18) Hexachloroethane	7.41	117	207878	41.393	ng	90
19) n-Nitroso-di-n-propylamine	7.31	70	374568	40.087	ng	99
20) 3+4-Methylphenols	7.29	107	513922	41.565	ng	98
22) Acetophenone	7.30	105	686353	40.767	ng	99
24) Nitrobenzene	7.47	77	562455	41.242	ng	99
25) Isophorone	7.72	82	999566	39.785	ng	100
26) 2-Nitrophenol	7.79	139	239831	44.267	ng	90
27) 2,4-Dimethylphenol	7.82	122	421375	40.735	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	642609	40.250	ng	100
29) 2,4-Dichlorophenol	8.03	162	450008	40.828	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	501738	40.982	ng	99
31) Naphthalene	8.20	128	1445674	41.361	ng	100
32) Benzoic acid	7.93	122	277964m	41.493	ng	
33) 4-Chloroaniline	8.24	127	595219	40.142	ng	99
34) Hexachlorobutadiene	8.32	225	310671	41.533	ng	99
35) Caprolactam	8.61	113	143029m	40.200	ng	
36) 4-Chloro-3-methylphenol	8.72	107	441417	40.389	ng	99
37) 2-Methylnaphthalene	8.89	142	945995	40.793	ng	99
38) 1-Methylnaphthalene	8.99	142	920268	40.896	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	489022	41.004	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	264309	40.315	ng		100
43) 2,4,6-Trichlorophenol	9.16	196	313747	40.870	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	343583	41.473	ng		99
46) 1,1'-Biphenyl	9.35	154	1179526	41.477	ng		99
47) 2-Chloronaphthalene	9.37	162	953685	40.966	ng		98
48) 2-Nitroaniline	9.46	65	265017	43.749	ng		98
49) Acenaphthylene	9.79	152	1499249	41.176	ng		100
50) Dimethylphthalate	9.65	163	1072921	40.796	ng		99
51) 2,6-Dinitrotoluene	9.70	165	245919	42.369	ng	#	84
52) Acenaphthene	9.96	154	878566	41.136	ng		100
53) 3-Nitroaniline	9.87	138	261802	42.597	ng		96
54) 2,4-Dinitrophenol	9.97	184	78163	41.352	ng	#	59
55) Dibenzofuran	10.13	168	1320584	41.277	ng		97
56) 4-Nitrophenol	10.02	139	215106	43.007	ng		98
57) 2,4-Dinitrotoluene	10.10	165	314042	43.611	ng	#	89
58) Fluorene	10.48	166	967320	40.531	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	293212	41.476	ng		98
60) Diethylphthalate	10.35	149	1024818	40.658	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	506980	41.482	ng		99
62) 4-Nitroaniline	10.49	138	243154	41.128	ng		99
63) Azobenzene	10.63	77	1058869	40.881	ng		99
65) 4,6-Dinitro-2-methylphenol	10.52	198	120570	41.550	ng		99
66) n-Nitrosodiphenylamine	10.59	169	892320	40.829	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	344324	40.668	ng		99
68) Hexachlorobenzene	11.03	284	378085	40.606	ng		100
69) Atrazine	11.11	200	281575	41.642	ng		98
70) Pentachlorophenol	11.22	266	222622	42.175	ng		99
71) Phenanthrene	11.44	178	1503009	40.931	ng		100
72) Anthracene	11.49	178	1517763	41.017	ng		100
73) Carbazole	11.64	167	1368355	40.730	ng		100
74) Di-n-butylphthalate	11.97	149	1548014	41.401	ng		100
75) Fluoranthene	12.62	202	1586865	40.776	ng		99
77) Benzidine	12.73	184	811783	54.690	ng		98
78) Pyrene	12.85	202	1606867	40.540	ng		99
80) Butylbenzylphthalate	13.47	149	601597	40.972	ng		97
81) Benzo(a)anthracene	14.03	228	1319047	40.122	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	495697	42.421	ng		98
83) Chrysene	14.07	228	1316636	40.348	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	715657	40.742	ng		99
85) Di-n-octyl phthalate	14.64	149	1080937	39.661	ng		100
86) Indeno(1,2,3-cd)pyrene	16.98	276	999867	37.534	ng		99
88) Benzo(b)fluoranthene	15.08	252	1116077	42.863	ng		99
89) Benzo(k)fluoranthene	15.11	252	951507	40.121	ng		99
90) Benzo(a)pyrene	15.44	252	933879	40.561	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	821646	40.108	ng		99
92) Benzo(g,h,i)perylene	17.42	276	836908	40.193	ng		99

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

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