Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115594.D
Acq On : 16 Jul 2019 13:48
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
7/17/2019 12:06:00 PM

Quant Time: Jul 17 11:32:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	166510	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	701683	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	347252	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	710909	20.00	ng		0.00
76) Chrysene-d12	14.04	240	464733	20.00	ng		0.00
87) Perylene-d12	15.51	264	416628	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	962659	94.57	ng		0.00
7) Phenol-d6	6.51	99	1060762	82.12	ng		0.00
23) Nitrobenzene-d5	7.45	82	997008	82.62	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	362719	89.49	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1765245	88.98	ng		0.00
79) Terphenyl-d14	12.99	244	1997381	79.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	247396	48.721	ng		99
3) Pyridine	3.45	79	679850	49.348	ng		99
4) n-Nitrosodimethylamine	3.40	42	242586	48.538	ng		97
6) Aniline	6.55	93	741431	41.247	ng		99
8) 2-Chlorophenol	6.67	128	485089	41.447	ng		94
9) Benzaldehyde	6.43	77	322170	39.913	ng		99
10) Phenol	6.53	94	620096	41.354	ng		84
11) bis(2-Chloroethyl)ether	6.62	93	467012	40.908	ng		96
12) 1,3-Dichlorobenzene	6.83	146	547023	41.571	ng		99
13) 1,4-Dichlorobenzene	6.90	146	553506	42.158	ng		97
14) 1,2-Dichlorobenzene	7.06	146	511307	42.602	ng		98
15) Benzyl Alcohol	7.02	79	424660	41.444	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	628213	41.798	ng		98
17) 2-Methylphenol	7.13	107	419012	41.543	ng		99
18) Hexachloroethane	7.40	117	201914	41.434	ng		94
19) n-Nitroso-di-n-propylamine	7.30	70	349674	41.508	ng		98
20) 3+4-Methylphenols	7.29	107	490987	40.982	ng		94
22) Acetophenone	7.29	105	650980	41.066	ng	#	96
24) Nitrobenzene	7.46	77	539688	41.464	ng		96
25) Isophorone	7.70	82	985414	40.809	ng		99
26) 2-Nitrophenol	7.78	139	281759	42.057	ng		97
27) 2,4-Dimethylphenol	7.82	122	381567	38.065	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	619889	41.845	ng		99
29) 2,4-Dichlorophenol	8.02	162	433540	41.587	ng		100
30) 1,2,4-Trichlorobenzene	8.11	180	487622	41.380	ng		97
31) Naphthalene	8.19	128	1420995	41.815	ng		97
32) Benzoic acid	7.95	122	319785m	38.873	ng		
33) 4-Chloroaniline	8.23	127	627637	41.696	ng		97
34) Hexachlorobutadiene	8.31	225	282186	41.758	ng		99
35) Caprolactam	8.62	113	134436	41.732	ng		97
36) 4-Chloro-3-methylphenol	8.72	107	458877	42.434	ng		99
37) 2-Methylnaphthalene	8.88	142	951815	42.254	ng		98
38) 1-Methylnaphthalene	8.98	142	906324	42.359	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	439348	42.015	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	246232	41.279	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	314233	41.092	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	329749	42.106	ng		99
46) 1,1'-Biphenyl	9.35	154	1148041	42.289	ng		98
47) 2-Chloronaphthalene	9.37	162	953860	42.197	ng		99
48) 2-Nitroaniline	9.46	65	299787	42.848	ng		91
49) Acenaphthylene	9.79	152	1418554	42.352	ng		98
50) Dimethylphthalate	9.65	163	1105712	42.322	ng		99
51) 2,6-Dinitrotoluene	9.70	165	251114	42.294	ng		95
52) Acenaphthene	9.96	154	935290	43.251	ng		99
53) 3-Nitroaniline	9.87	138	278722	41.079	ng		94
54) 2,4-Dinitrophenol	9.97	184	138645	45.482	ng		98
55) Dibenzofuran	10.13	168	1269554	41.341	ng		100
56) 4-Nitrophenol	10.02	139	215691	41.689	ng		95
57) 2,4-Dinitrotoluene	10.10	165	337811	43.916	ng		96
58) Fluorene	10.47	166	935451	42.610	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	283389	43.288	ng		98
60) Diethylphthalate	10.35	149	1060589	43.326	ng		100
61) 4-Chlorophenyl-phenylether	10.46	204	494732	40.636	ng		98
62) 4-Nitroaniline	10.49	138	277822	42.688	ng		98
63) Azobenzene	10.62	77	1067573	44.962	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	176673	40.676	ng		99
66) n-Nitrosodiphenylamine	10.58	169	870331	39.357	ng		98
67) 4-Bromophenyl-phenylether	10.95	248	335807	41.335	ng		98
68) Hexachlorobenzene	11.02	284	380300	40.991	ng	#	92
69) Atrazine	11.10	200	283745	39.113	ng		99
70) Pentachlorophenol	11.21	266	238120	41.964	ng		99
71) Phenanthrene	11.43	178	1504124	41.276	ng		98
72) Anthracene	11.49	178	1514154	40.206	ng		100
73) Carbazole	11.63	167	1371813	41.539	ng		100
74) Di-n-butylphthalate	11.97	149	1671473	41.089	ng		100
75) Fluoranthene	12.62	202	1570368	40.780	ng		100
77) Benzidine	12.73	184	693210	42.106	ng		99
78) Pyrene	12.85	202	1558081	39.571	ng		98
80) Butylbenzylphthalate	13.46	149	695463	41.434	ng		98
81) Benzo(a)anthracene	14.03	228	1260142	41.159	ng		97
82) 3,3'-Dichlorobenzidine	13.99	252	481046	44.197	ng		98
83) Chrysene	14.07	228	1280414	41.660	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	878146	42.237	ng		99
85) Di-n-octyl phthalate	14.63	149	1446068	43.713	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	981618	37.593	ng		99
88) Benzo(b)fluoranthene	15.09	252	1124557	41.918	ng		99
89) Benzo(k)fluoranthene	15.12	252	1054192	44.075	ng		98
90) Benzo(a)pyrene	15.45	252	967681	41.967	ng		100
91) Dibenzo(a,h)anthracene	17.00	278	825865	40.798	ng		99
92) Benzo(g,h,i)perylene	17.43	276	799837	39.619	ng		99

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

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