Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
Data File : BF115792.D
Acq On : 26 Jul 2019 17:49
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/29/2019 5:28:59 PM

Quant Time: Jul 26 21:23:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	140882	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	590635	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	330684	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	593742	20.00	ng	0.00
76) Chrysene-d12	14.03	240	430757	20.00	ng	0.00
87) Perylene-d12	15.50	264	419845	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	705198	81.88	ng	0.00
7) Phenol-d6	6.50	99	897566	82.13	ng	0.00
23) Nitrobenzene-d5	7.43	82	842790	82.97	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	287575	74.50	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1482278	78.46	ng	0.00
79) Terphenyl-d14	12.98	244	1763216	75.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	169102	39.360	ng	99
3) Pyridine	3.41	79	457885	39.282	ng	98
4) n-Nitrosodimethylamine	3.36	42	182528	43.165	ng	99
6) Aniline	6.53	93	621719	40.879	ng	100
8) 2-Chlorophenol	6.66	128	405738	40.973	ng	94
9) Benzaldehyde	6.42	77	277815	40.679	ng	99
10) Phenol	6.52	94	527483	41.577	ng	95
11) bis(2-Chloroethyl)ether	6.60	93	396781	41.078	ng	98
12) 1,3-Dichlorobenzene	6.82	146	446067	40.065	ng	100
13) 1,4-Dichlorobenzene	6.89	146	448461	40.371	ng	99
14) 1,2-Dichlorobenzene	7.05	146	420517	41.411	ng	99
15) Benzyl Alcohol	7.02	79	347520	40.085	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	542086	42.628	ng	98
17) 2-Methylphenol	7.13	107	342431	40.126	ng	99
18) Hexachloroethane	7.39	117	168269	40.811	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	289530	40.621	ng	99
20) 3+4-Methylphenols	7.28	107	408836	40.333	ng	92
22) Acetophenone	7.28	105	543373	40.723	ng	98
24) Nitrobenzene	7.45	77	459282	41.921	ng	94
25) Isophorone	7.69	82	827724	40.723	ng	100
26) 2-Nitrophenol	7.77	139	226456	40.157	ng	99
27) 2,4-Dimethylphenol	7.80	122	325296	38.553	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	518351	41.570	ng	100
29) 2,4-Dichlorophenol	8.01	162	359043	40.916	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	388757	39.193	ng	99
31) Naphthalene	8.17	128	1186853	41.492	ng	100
32) Benzoic acid	7.93	122	240477m	34.729	ng	
33) 4-Chloroaniline	8.22	127	526928	41.587	ng	100
34) Hexachlorobutadiene	8.29	225	230543	40.530	ng	98
35) Caprolactam	8.60	113	117024	43.157	ng	93
36) 4-Chloro-3-methylphenol	8.70	107	380255	41.775	ng	99
37) 2-Methylnaphthalene	8.87	142	803223	42.362	ng	100
38) 1-Methylnaphthalene	8.97	142	759013	42.144	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	360646	36.216	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	219158	38.581	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	249526	34.265	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	267186	35.826	ng		98
46) 1,1'-Biphenyl	9.33	154	969128	37.487	ng		99
47) 2-Chloronaphthalene	9.36	162	790163	36.707	ng		98
48) 2-Nitroaniline	9.45	65	261173	39.200	ng		100
49) Acenaphthylene	9.77	152	1205367	37.790	ng		100
50) Dimethylphthalate	9.63	163	961042	38.628	ng		100
51) 2,6-Dinitrotoluene	9.69	165	211739	37.449	ng		97
52) Acenaphthene	9.95	154	721666	35.044	ng		98
53) 3-Nitroaniline	9.86	138	245363	37.975	ng		98
54) 2,4-Dinitrophenol	9.97	184	92980	32.030	ng		95
55) Dibenzofuran	10.12	168	1078160	36.867	ng		99
56) 4-Nitrophenol	10.02	139	162229	32.926	ng		97
57) 2,4-Dinitrotoluene	10.10	165	282609	38.581	ng		98
58) Fluorene	10.46	166	829072	39.656	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	231637	37.155	ng		99
60) Diethylphthalate	10.33	149	932636	40.008	ng		100
61) 4-Chlorophenyl-phenylether	10.45	204	430341	37.118	ng		99
62) 4-Nitroaniline	10.47	138	248848	40.152	ng		99
63) Azobenzene	10.61	77	943010	41.706	ng		99
65) 4,6-Dinitro-2-methylphenol	10.51	198	136892	37.737	ng		99
66) n-Nitrosodiphenylamine	10.56	169	758967	41.094	ng		100
67) 4-Bromophenyl-phenylether	10.94	248	275720	40.636	ng		99
68) Hexachlorobenzene	11.01	284	311011	40.138	ng	#	90
69) Atrazine	11.09	200	225106	37.153	ng		99
70) Pentachlorophenol	11.20	266	163876	34.579	ng		99
71) Phenanthrene	11.42	178	1264908	41.561	ng		100
72) Anthracene	11.47	178	1280098	40.699	ng		100
73) Carbazole	11.62	167	1173654	42.552	ng		100
74) Di-n-butylphthalate	11.95	149	1509621	44.434	ng		100
75) Fluoranthene	12.61	202	1332561	41.434	ng		100
77) Benzidine	12.72	184	586108	38.409	ng		100
78) Pyrene	12.84	202	1350011	36.991	ng		100
80) Butylbenzylphthalate	13.45	149	651462	41.874	ng		100
81) Benzo(a)anthracene	14.02	228	1156292	40.746	ng		99
82) 3,3'-Dichlorobenzidine	13.98	252	416424	41.278	ng		100
83) Chrysene	14.06	228	1115243	39.148	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	894920	46.438	ng		100
85) Di-n-octyl phthalate	14.62	149	1412262	46.059	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	986728	40.769	ng		99
88) Benzo(b)fluoranthene	15.07	252	985988	36.471	ng		100
89) Benzo(k)fluoranthene	15.10	252	991770	41.147	ng		100
90) Benzo(a)pyrene	15.44	252	904327	38.919	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	830489	40.712	ng		98
92) Benzo(g,h,i)perylene	17.43	276	760494	37.381	ng		98

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

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