Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
Data File : BF115816.D
Acq On : 27 Jul 2019 8:36
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/29/2019 5:29:42 PM

Quant Time: Jul 29 12:15:26 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	144961	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	613509	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	343246	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	621391	20.00	ng	0.00
76) Chrysene-d12	14.04	240	434767	20.00	ng	0.00
87) Perylene-d12	15.50	264	418303	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	715166	80.70	ng	0.00
7) Phenol-d6	6.50	99	919862	81.80	ng	0.00
23) Nitrobenzene-d5	7.43	82	862668	81.76	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	295361	73.72	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1509291	76.96	ng	0.00
79) Terphenyl-d14	12.98	244	1800112	76.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	169744	38.398	ng	99
3) Pyridine	3.41	79	453818	37.838	ng	99
4) n-Nitrosodimethylamine	3.36	42	188045	43.218	ng	100
6) Aniline	6.53	93	637098	40.711	ng	98
8) 2-Chlorophenol	6.66	128	412397	40.474	ng	97
9) Benzaldehyde	6.42	77	290202	41.297	ng	99
10) Phenol	6.52	94	545046	41.753	ng	97
11) bis(2-Chloroethyl)ether	6.61	93	404550	40.704	ng	95
12) 1,3-Dichlorobenzene	6.82	146	455430	39.755	ng	99
13) 1,4-Dichlorobenzene	6.89	146	460532	40.291	ng	99
14) 1,2-Dichlorobenzene	7.05	146	426854	40.853	ng	99
15) Benzyl Alcohol	7.02	79	357073	40.028	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	559180	42.735	ng	98
17) 2-Methylphenol	7.13	107	359753	40.970	ng	99
18) Hexachloroethane	7.39	117	170652	40.224	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	300571	40.983	ng	99
20) 3+4-Methylphenols	7.28	107	422532	40.511	ng	97
22) Acetophenone	7.28	105	556255	40.134	ng	99
24) Nitrobenzene	7.46	77	474212	41.670	ng	98
25) Isophorone	7.69	82	860497	40.757	ng	98
26) 2-Nitrophenol	7.77	139	233726	39.901	ng	97
27) 2,4-Dimethylphenol	7.81	122	333182	38.016	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	537658	41.511	ng	100
29) 2,4-Dichlorophenol	8.02	162	370192	40.614	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	405233	39.331	ng	99
31) Naphthalene	8.18	128	1215475	40.908	ng	99
32) Benzoic acid	7.94	122	263906m	36.691	ng	
33) 4-Chloroaniline	8.22	127	542723	41.237	ng	99
34) Hexachlorobutadiene	8.30	225	235671	39.887	ng	98
35) Caprolactam	8.60	113	120143	42.655	ng	99
36) 4-Chloro-3-methylphenol	8.71	107	398981	42.198	ng	96
37) 2-Methylnaphthalene	8.87	142	818248	41.545	ng	99
38) 1-Methylnaphthalene	8.97	142	785327	41.979	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	378490	36.617	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	217352	36.863	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	257491	34.065	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	276122	35.670	ng	96
46) 1,1'-Biphenyl	9.33	154	1007395	37.541	ng	99
47) 2-Chloronaphthalene	9.36	162	824571	36.904	ng	98
48) 2-Nitroaniline	9.45	65	272413	39.390	ng	97
49) Acenaphthylene	9.77	152	1246403	37.646	ng	100
50) Dimethylphthalate	9.63	163	997636	38.631	ng	100
51) 2,6-Dinitrotoluene	9.69	165	219987	37.484	ng	98
52) Acenaphthene	9.95	154	752961	35.226	ng	98
53) 3-Nitroaniline	9.86	138	254112	37.889	ng	96
54) 2,4-Dinitrophenol	9.97	184	121237	40.236	ng	97
55) Dibenzofuran	10.12	168	1122996	36.995	ng	99
56) 4-Nitrophenol	10.03	139	201562	39.412	ng	97
57) 2,4-Dinitrotoluene	10.10	165	295931	38.921	ng	94
58) Fluorene	10.46	166	855885	39.441	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	242583	37.487	ng	100
60) Diethylphthalate	10.33	149	959159	39.640	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	449490	37.351	ng	98
62) 4-Nitroaniline	10.48	138	263826	41.010	ng	96
63) Azobenzene	10.61	77	977596	41.653	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	133915	35.273	ng	92
66) n-Nitrosodiphenylamine	10.57	169	784410	40.581	ng	100
67) 4-Bromophenyl-phenylether	10.94	248	285574	40.216	ng	99
68) Hexachlorobenzene	11.02	284	320978	39.581	ng	96
69) Atrazine	11.09	200	228811	36.084	ng	99
70) Pentachlorophenol	11.20	266	167999	33.872	ng	99
71) Phenanthrene	11.42	178	1314497	41.269	ng	100
72) Anthracene	11.47	178	1330797	40.428	ng	100
73) Carbazole	11.62	167	1238645	42.910	ng	100
74) Di-n-butylphthalate	11.95	149	1567565	44.086	ng	100
75) Fluoranthene	12.61	202	1376870	40.906	ng	99
77) Benzidine	12.72	184	609841	39.596	ng	100
78) Pyrene	12.84	202	1391962	37.789	ng	100
80) Butylbenzylphthalate	13.44	149	660367	42.055	ng	100
81) Benzo(a)anthracene	14.03	228	1195865	41.751	ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	419144	41.164	ng	99
83) Chrysene	14.06	228	1130086	39.303	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	923519	47.481	ng	100
85) Di-n-octyl phthalate	14.62	149	1425974	46.077	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	998443	40.873	ng	99
88) Benzo(b)fluoranthene	15.07	252	1066752	39.604	ng	99
89) Benzo(k)fluoranthene	15.10	252	902159	37.568	ng	99
90) Benzo(a)pyrene	15.44	252	900685	38.905	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	830612	40.869	ng	98
92) Benzo(g,h,i)perylene	17.43	276	769768	37.977	ng	98

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

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