Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
Data File : BF115459.D
Acq On : 10 Jul 2019 17:03
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/11/2019 5:22:14 PM

Quant Time: Jul 11 07:33:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	177140	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	729001	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	364460	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	702511	20.00	ng		0.00
76) Chrysene-d12	14.06	240	475807	20.00	ng		0.00
87) Perylene-d12	15.54	264	459061	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	868348	75.74	ng		0.00
7) Phenol-d6	6.52	99	1098123	75.31	ng		0.00
23) Nitrobenzene-d5	7.46	82	986000	79.91	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	334785	83.08	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1668483	80.33	ng		0.00
79) Terphenyl-d14	13.00	244	1910638	82.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	210717	37.470	ng		99
3) Pyridine	3.45	79	577178	37.117	ng		100
4) n-Nitrosodimethylamine	3.40	42	206868	32.806	ng		97
6) Aniline	6.56	93	765579	37.206	ng		100
8) 2-Chlorophenol	6.68	128	493529	38.122	ng		98
9) Benzaldehyde	6.44	77	348121	41.709	ng		96
10) Phenol	6.53	94	650605	37.292	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	480145	37.099	ng		98
12) 1,3-Dichlorobenzene	6.84	146	543407	38.313	ng		99
13) 1,4-Dichlorobenzene	6.92	146	546716	38.482	ng		98
14) 1,2-Dichlorobenzene	7.07	146	510285	38.795	ng		99
15) Benzyl Alcohol	7.03	79	436818	37.333	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	642041	35.479	ng		99
17) 2-Methylphenol	7.15	107	418945	37.774	ng		99
18) Hexachloroethane	7.41	117	201297	38.035	ng		93
19) n-Nitroso-di-n-propylamine	7.31	70	346812	35.156	ng		97
20) 3+4-Methylphenols	7.30	107	492737	37.611	ng		94
22) Acetophenone	7.30	105	649154	37.162	ng	#	97
24) Nitrobenzene	7.47	77	543302	38.990	ng		96
25) Isophorone	7.72	82	970751	36.298	ng		99
26) 2-Nitrophenol	7.79	139	271414	47.377	ng		98
27) 2,4-Dimethylphenol	7.83	122	385036	35.247	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	609310	36.947	ng		99
29) 2,4-Dichlorophenol	8.03	162	430157	39.535	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	470255	38.823	ng		100
31) Naphthalene	8.20	128	1390404	38.399	ng		99
32) Benzoic acid	7.94	122	244132m	32.858	ng		
33) 4-Chloroaniline	8.25	127	621835	38.490	ng		99
34) Hexachlorobutadiene	8.32	225	275898	40.165	ng		98
35) Caprolactam	8.62	113	135519	38.243	ng		95
36) 4-Chloro-3-methylphenol	8.72	107	448715	38.989	ng		95
37) 2-Methylnaphthalene	8.89	142	923149	38.142	ng		100
38) 1-Methylnaphthalene	8.99	142	885059	38.327	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	419983	40.056	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	233460	38.417	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	307928	40.340	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	313935	39.662	ng	96
46) 1,1'-Biphenyl	9.36	154	1120005	39.090	ng	99
47) 2-Chloronaphthalene	9.38	162	932402	39.374	ng	99
48) 2-Nitroaniline	9.47	65	295408	42.460	ng	92
49) Acenaphthylene	9.80	152	1394918	38.907	ng	99
50) Dimethylphthalate	9.66	163	1065652	38.956	ng	99
51) 2,6-Dinitrotoluene	9.71	165	249669	42.083	ng	95
52) Acenaphthene	9.97	154	889089	39.403	ng	100
53) 3-Nitroaniline	9.88	138	291953	42.370	ng	95
54) 2,4-Dinitrophenol	9.99	184	112824	48.419	ng	90
55) Dibenzofuran	10.14	168	1241988	39.074	ng	100
56) 4-Nitrophenol	10.03	139	225007	42.206	ng	95
57) 2,4-Dinitrotoluene	10.12	165	330516	43.837	ng	95
58) Fluorene	10.49	166	906052	36.160	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	272331	39.828	ng	99
60) Diethylphthalate	10.36	149	1023414	38.009	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	471140	38.525	ng	98
62) 4-Nitroaniline	10.50	138	282736	41.802	ng	98
63) Azobenzene	10.63	77	1020556	36.770	ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	160149	47.675	ng	91
66) n-Nitrosodiphenylamine	10.59	169	861141	38.904	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	312093	39.592	ng	95
68) Hexachlorobenzene	11.03	284	355275	40.165	ng	94
69) Atrazine	11.12	200	276568	40.373	ng	99
70) Pentachlorophenol	11.22	266	222084	41.198	ng	99
71) Phenanthrene	11.45	178	1423004	38.515	ng	99
72) Anthracene	11.50	178	1448443	39.095	ng	100
73) Carbazole	11.65	167	1320488	38.959	ng	100
74) Di-n-butylphthalate	11.98	149	1562059	38.133	ng	99
75) Fluoranthene	12.63	202	1506741	38.732	ng	98
77) Benzidine	12.74	184	694817	37.447	ng	99
78) Pyrene	12.86	202	1522853	41.157	ng	99
80) Butylbenzylphthalate	13.48	149	644337	39.856	ng	96
81) Benzo(a)anthracene	14.05	228	1220006	40.018	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	455933	41.215	ng	99
83) Chrysene	14.09	228	1242383	39.662	ng	100
84) Bis(2-ethylhexyl)phthalate	14.04	149	787919	39.355	ng	100
85) Di-n-octyl phthalate	14.66	149	1313596	36.856	ng	100
86) Indeno(1,2,3-cd)pyrene	17.03	276	1125051	43.680	ng	100
88) Benzo(b)fluoranthene	15.11	252	1111191	37.177	ng	100
89) Benzo(k)fluoranthene	15.14	252	1073234	40.375	ng	100
90) Benzo(a)pyrene	15.48	252	998789	38.744	ng	99
91) Dibenzo(a,h)anthracene	17.05	278	921803	41.845	ng	100
92) Benzo(g,h,i)perylene	17.48	276	906506	43.476	ng	100

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

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