Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115493.D
Acq On : 11 Jul 2019 10:42
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
7/12/2019 10:37:28 PM

Quant Time: Jul 12 03:22:16 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	6.90	152	196132	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	822992	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	408480	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	786386	20.00	ng		0.00
76) Chrysene-d12	14.06	240	507722	20.00	ng		0.00
87) Perylene-d12	15.54	264	492136	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	924946	72.86	ng		0.00
7) Phenol-d6	6.53	99	1194328	73.98	ng		0.00
23) Nitrobenzene-d5	7.46	82	1102013	79.11	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	373513	82.70	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1883181	80.90	ng		0.00
79) Terphenyl-d14	13.01	244	2038209	82.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	223392	35.877	ng		100
3) Pyridine	3.46	79	612914	35.598	ng		99
4) n-Nitrosodimethylamine	3.41	42	224962	32.221	ng		100
6) Aniline	6.56	93	840504	36.892	ng		99
8) 2-Chlorophenol	6.69	128	548652	38.276	ng		94
9) Benzaldehyde	6.45	77	360363	38.488	ng		98
10) Phenol	6.54	94	701798	36.331	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	522432	36.457	ng		99
12) 1,3-Dichlorobenzene	6.84	146	601852	38.325	ng		99
13) 1,4-Dichlorobenzene	6.92	146	605534	38.495	ng		100
14) 1,2-Dichlorobenzene	7.07	146	559739	38.434	ng		98
15) Benzyl Alcohol	7.03	79	493003	38.054	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	707007	35.285	ng		99
17) 2-Methylphenol	7.15	107	468223	38.129	ng		99
18) Hexachloroethane	7.42	117	224945	38.387	ng		99
19) n-Nitroso-di-n-propylamine	7.32	70	387696	35.495	ng		98
20) 3+4-Methylphenols	7.30	107	547631	37.753	ng		98
22) Acetophenone	7.31	105	716395	36.327	ng	#	93
24) Nitrobenzene	7.48	77	601140	38.213	ng		98
25) Isophorone	7.72	82	1094440	36.249	ng		100
26) 2-Nitrophenol	7.79	139	311531	48.169	ng		98
27) 2,4-Dimethylphenol	7.83	122	433925	35.186	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	681088	36.583	ng		99
29) 2,4-Dichlorophenol	8.03	162	478470	38.953	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	533852	39.040	ng		99
31) Naphthalene	8.20	128	1551701	37.959	ng		100
32) Benzoic acid	7.95	122	272986	32.603	ng		99
33) 4-Chloroaniline	8.25	127	699373	38.345	ng		99
34) Hexachlorobutadiene	8.33	225	305175	39.353	ng		100
35) Caprolactam	8.63	113	150072m	37.513	ng		
36) 4-Chloro-3-methylphenol	8.73	107	497413	38.285	ng		98
37) 2-Methylnaphthalene	8.89	142	1037958	37.988	ng		99
38) 1-Methylnaphthalene	8.99	142	985542	37.804	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	475314	40.447	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	252699	37.101	ng	100
43) 2,4,6-Trichlorophenol	9.17	196	348138	40.693	ng	100
44) 2,4,5-Trichlorophenol	9.21	196	358514	40.413	ng	97
46) 1,1'-Biphenyl	9.36	154	1239270	38.591	ng	99
47) 2-Chloronaphthalene	9.39	162	1033268	38.932	ng	100
48) 2-Nitroaniline	9.47	65	328075	42.074	ng	99
49) Acenaphthylene	9.80	152	1531044	38.101	ng	100
50) Dimethylphthalate	9.66	163	1204259	39.279	ng	99
51) 2,6-Dinitrotoluene	9.72	165	276970	41.654	ng	98
52) Acenaphthene	9.97	154	982234	38.839	ng	100
53) 3-Nitroaniline	9.89	138	324442	42.011	ng	99
54) 2,4-Dinitrophenol	9.99	184	131298	49.905	ng	99
55) Dibenzofuran	10.15	168	1365303	38.325	ng	100
56) 4-Nitrophenol	10.04	139	246238	41.211	ng	93
57) 2,4-Dinitrotoluene	10.12	165	369945	43.778	ng	89
58) Fluorene	10.49	166	1006980	35.858	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	311449	40.640	ng	99
60) Diethylphthalate	10.36	149	1152880	38.203	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	524073	38.235	ng	100
62) 4-Nitroaniline	10.50	138	315958	41.680	ng	97
63) Azobenzene	10.64	77	1119802	35.998	ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	182046	48.292	ng	99
66) n-Nitrosodiphenylamine	10.59	169	959954	38.743	ng	99
67) 4-Bromophenyl-phenylether	10.97	248	349392	39.596	ng	98
68) Hexachlorobenzene	11.04	284	398392	40.236	ng	99
69) Atrazine	11.12	200	307240	40.067	ng	100
70) Pentachlorophenol	11.23	266	245267	40.646	ng	99
71) Phenanthrene	11.45	178	1558457	37.682	ng	99
72) Anthracene	11.50	178	1597553	38.521	ng	99
73) Carbazole	11.65	167	1421480	37.465	ng	99
74) Di-n-butylphthalate	11.98	149	1713779	37.375	ng	99
75) Fluoranthene	12.63	202	1610836	36.991	ng	99
77) Benzidine	12.75	184	712794	36.001	ng	99
78) Pyrene	12.86	202	1624086	41.134	ng	99
80) Butylbenzylphthalate	13.48	149	702193	40.705	ng	95
81) Benzo(a)anthracene	14.05	228	1298313	39.909	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	470461	39.855	ng	100
83) Chrysene	14.09	228	1313636	39.301	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	861105	40.307	ng	99
85) Di-n-octyl phthalate	14.65	149	1439281	37.844	ng	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	1227281	44.805	ng	99
88) Benzo(b)fluoranthene	15.10	252	1251630	39.062	ng	100
89) Benzo(k)fluoranthene	15.14	252	1089564	38.235	ng	99
90) Benzo(a)pyrene	15.48	252	1079184	39.049	ng	99
91) Dibenzo(a,h)anthracene	17.04	278	1001503	42.407	ng	99
92) Benzo(g,h,i)perylene	17.48	276	982543	43.955	ng	99

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

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