Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115596.D
Acq On : 16 Jul 2019 14:42
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/17/2019 12:06:03 PM

Quant Time: Jul 17 11:33:02 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	194550	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	702844	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	353816	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	683896	20.00	ng	0.00
76) Chrysene-d12	14.04	240	448628	20.00	ng	0.00
87) Perylene-d12	15.51	264	410818	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	964472	81.09	ng	0.00
7) Phenol-d6	6.52	99	1218511	80.74	ng	0.00
23) Nitrobenzene-d5	7.45	82	1163570	96.26	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	348741	84.44	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1765943	87.36	ng	0.00
79) Terphenyl-d14	12.99	244	1929541	79.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.69	88	248046	41.809	ng	99
3) Pyridine	3.45	79	667342	41.459	ng	98
4) n-Nitrosodimethylamine	3.40	42	248076	42.483	ng	96
6) Aniline	6.55	93	854676	40.694	ng	100
8) 2-Chlorophenol	6.67	128	573294	41.924	ng	99
9) Benzaldehyde	6.43	77	370201	39.253	ng	98
10) Phenol	6.53	94	719042	41.042	ng	84
11) bis(2-Chloroethyl)ether	6.62	93	562584	42.177	ng	98
12) 1,3-Dichlorobenzene	6.83	146	642557	41.793	ng	100
13) 1,4-Dichlorobenzene	6.90	146	639932	41.716	ng	98
14) 1,2-Dichlorobenzene	7.06	146	588155	41.942	ng	97
15) Benzyl Alcohol	7.02	79	496549	41.475	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	768812	43.780	ng	97
17) 2-Methylphenol	7.13	107	477056	40.481	ng	99
18) Hexachloroethane	7.40	117	242405	42.574	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	410456	41.701	ng	97
20) 3+4-Methylphenols	7.29	107	562927	40.215	ng	95
22) Acetophenone	7.29	105	755324	47.570	ng	95
24) Nitrobenzene	7.46	77	632553	48.519	ng	95
25) Isophorone	7.70	82	1014520	41.945	ng	100
26) 2-Nitrophenol	7.78	139	285658	42.568	ng	97
27) 2,4-Dimethylphenol	7.82	122	380428	37.889	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	619381	41.742	ng	99
29) 2,4-Dichlorophenol	8.02	162	435821	41.737	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	488564	41.391	ng	97
31) Naphthalene	8.19	128	1424404	41.846	ng	97
32) Benzoic acid	7.95	122	321381m	39.003	ng	
33) 4-Chloroaniline	8.23	127	628520	41.686	ng	98
34) Hexachlorobutadiene	8.31	225	284542	42.037	ng	99
35) Caprolactam	8.62	113	136957	42.444	ng	94
36) 4-Chloro-3-methylphenol	8.72	107	456214	42.118	ng	99
37) 2-Methylnaphthalene	8.88	142	950602	42.130	ng	98
38) 1-Methylnaphthalene	8.98	142	902257	42.099	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	443488	41.624	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	242353	39.875	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	314144	40.318	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	338027	42.362	ng	97
46) 1,1'-Biphenyl	9.35	154	1150486	41.592	ng	98
47) 2-Chloronaphthalene	9.37	162	952720	41.365	ng	98
48) 2-Nitroaniline	9.46	65	294405	41.298	ng	99
49) Acenaphthylene	9.79	152	1423779	41.719	ng	98
50) Dimethylphthalate	9.65	163	1097275	41.220	ng	99
51) 2,6-Dinitrotoluene	9.70	165	255267	42.196	ng	90
52) Acenaphthene	9.96	154	925863	42.021	ng	98
53) 3-Nitroaniline	9.87	138	287209	41.545	ng	97
54) 2,4-Dinitrophenol	9.97	184	136922	44.084	ng	96
55) Dibenzofuran	10.13	168	1265920	40.457	ng	99
56) 4-Nitrophenol	10.02	139	218012	41.355	ng	97
57) 2,4-Dinitrotoluene	10.10	165	337104	43.011	ng	96
58) Fluorene	10.47	166	928388	41.504	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	281407	42.187	ng	99
60) Diethylphthalate	10.34	149	1060420	42.516	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	490756	39.562	ng	98
62) 4-Nitroaniline	10.49	138	280369	42.280	ng	98
63) Azobenzene	10.62	77	1021933	42.241	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	175613	42.029	ng	97
66) n-Nitrosodiphenylamine	10.58	169	869642	40.879	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	319666	40.903	ng	99
68) Hexachlorobenzene	11.02	284	368492	41.287	ng	94
69) Atrazine	11.10	200	270497	38.759	ng	99
70) Pentachlorophenol	11.21	266	229292	42.004	ng	99
71) Phenanthrene	11.43	178	1441754	41.127	ng	98
72) Anthracene	11.49	178	1475569	40.729	ng	99
73) Carbazole	11.63	167	1321698	41.602	ng	100
74) Di-n-butylphthalate	11.96	149	1594541	40.746	ng	99
75) Fluoranthene	12.62	202	1512166	40.820	ng	100
77) Benzidine	12.73	184	656616	41.315	ng	99
78) Pyrene	12.85	202	1534353	40.368	ng	98
80) Butylbenzylphthalate	13.46	149	668181	41.237	ng	98
81) Benzo(a)anthracene	14.03	228	1234330	41.763	ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	463997	44.161	ng	98
83) Chrysene	14.07	228	1237651	41.714	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	859532	42.825	ng	99
85) Di-n-octyl phthalate	14.63	149	1387429	43.446	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	965321	38.296	ng	99
88) Benzo(b)fluoranthene	15.08	252	1107534	41.867	ng	99
89) Benzo(k)fluoranthene	15.12	252	998927	42.355	ng	96
90) Benzo(a)pyrene	15.45	252	944955	41.561	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	791842	39.671	ng	98
92) Benzo(g,h,i)perylene	17.43	276	723352	36.337	ng	98

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

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