Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116283.D
Acq On : 15 Aug 2019 17:33
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Jagrut
8/16/2019 5:34:06 PM

Quant Time: Aug 16 04:01:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	162033	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	666473	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	357289	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	622068	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	428806	20.00	ng	-0.02
87) Perylene-d12	15.44	264	434127	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	841090	86.90	ng	-0.03
7) Phenol-d6	6.46	99	1024126	83.86	ng	-0.02
23) Nitrobenzene-d5	7.39	82	928226	80.39	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	282446	81.54	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1488027	78.01	ng	-0.03
79) Terphenyl-d14	12.92	244	1690352	83.06	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	2.54	88	197138	40.317	ng	99
3) Pyridine	3.28	79	520178	38.083	ng	100
4) n-Nitrosodimethylamine	3.25	42	172677	32.034	ng	100
6) Aniline	6.49	93	698736	39.953	ng	92
8) 2-Chlorophenol	6.61	128	465846	43.525	ng	98
9) Benzaldehyde	6.37	77	319643	37.935	ng	99
10) Phenol	6.48	94	593581	41.276	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	457493	43.271	ng	98
12) 1,3-Dichlorobenzene	6.76	146	515019	41.636	ng	98
13) 1,4-Dichlorobenzene	6.84	146	520182	42.001	ng	98
14) 1,2-Dichlorobenzene	6.99	146	473323	41.505	ng	99
15) Benzyl Alcohol	6.97	79	359731	38.816	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	597934	41.462	ng	88
17) 2-Methylphenol	7.08	107	383512	42.317	ng	99
18) Hexachloroethane	7.33	117	191789	42.060	ng	96
19) n-Nitroso-di-n-propylamine	7.24	70	306251	40.470	ng	98
20) 3+4-Methylphenols	7.24	107	444924	41.486	ng	95
22) Acetophenone	7.23	105	582090	39.824	ng	99
24) Nitrobenzene	7.41	77	519832	41.697	ng	96
25) Isophorone	7.65	82	949941	43.027	ng	99
26) 2-Nitrophenol	7.72	139	258631	44.009	ng	98
27) 2,4-Dimethylphenol	7.76	122	361640	40.903	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	580573	42.427	ng	100
29) 2,4-Dichlorophenol	7.97	162	404546	43.335	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	440956	41.438	ng	99
31) Naphthalene	8.12	128	1311003	41.801	ng	99
32) Benzoic acid	7.92	122	219105	35.150	ng	97
33) 4-Chloroaniline	8.17	127	564905	40.313	ng	99
34) Hexachlorobutadiene	8.24	225	254113	41.458	ng	99
35) Caprolactam	8.56	113	126539m	41.910	ng	
36) 4-Chloro-3-methylphenol	8.66	107	420006	43.247	ng	98
37) 2-Methylnaphthalene	8.82	142	840932	40.713	ng	99
38) 1-Methylnaphthalene	8.91	142	812936	41.603	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	396885	41.551	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	130617	34.128	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	255986	38.935	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	268587	39.520	ng	96
46) 1,1'-Biphenyl	9.27	154	1032243	40.922	ng	99
47) 2-Chloronaphthalene	9.30	162	847737	40.380	ng	99
48) 2-Nitroaniline	9.40	65	283361	40.834	ng	95
49) Acenaphthylene	9.72	152	1230661	40.180	ng	99
50) Dimethylphthalate	9.57	163	1018267	41.857	ng	100
51) 2,6-Dinitrotoluene	9.65	165	223297	42.237	ng	89
52) Acenaphthene	9.89	154	756041	40.236	ng	99
53) 3-Nitroaniline	9.82	138	266179	40.747	ng	96
54) 2,4-Dinitrophenol	9.94	184	83564	35.855	ng	97
55) Dibenzofuran	10.06	168	1038763	38.014	ng	100
56) 4-Nitrophenol	9.99	139	150140	35.878	ng	93
57) 2,4-Dinitrotoluene	10.06	165	262548	37.300	ng	92
58) Fluorene	10.40	166	874008	41.572	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	219038	38.309	ng	99
60) Diethylphthalate	10.27	149	944481	41.584	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	440440	41.365	ng	99
62) 4-Nitroaniline	10.44	138	258073	38.228	ng	99
63) Azobenzene	10.55	77	969757	41.511	ng	100
65) 4,6-Dinitro-2-methylphenol	10.47	198	140683	42.676	ng	99
66) n-Nitrosodiphenylamine	10.52	169	785160	41.934	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	278635	41.842	ng	99
68) Hexachlorobenzene	10.96	284	314418	40.832	ng	99
69) Atrazine	11.04	200	210962	34.249	ng	99
70) Pentachlorophenol	11.16	266	142237	38.047	ng	98
71) Phenanthrene	11.37	178	1287609	40.489	ng	100
72) Anthracene	11.42	178	1319599	41.001	ng	99
73) Carbazole	11.57	167	1243766	42.596	ng	100
74) Di-n-butylphthalate	11.89	149	1450125	42.573	ng	99
75) Fluoranthene	12.56	202	1364250	40.977	ng	99
77) Benzidine	12.67	184	554268	38.260	ng	99
78) Pyrene	12.79	202	1359636	42.063	ng	99
80) Butylbenzylphthalate	13.39	149	612976	44.830	ng	95
81) Benzo(a)anthracene	13.97	228	1178839	43.011	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	411328	43.198	ng	98
83) Chrysene	14.01	228	1130306	42.479	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	819784	46.138	ng	98
85) Di-n-octyl phthalate	14.55	149	1263095	44.755	ng	100
86) Indeno(1,2,3-cd)pyrene	16.91	276	1037468	46.422	ng	100
88) Benzo(b)fluoranthene	15.02	252	982723	39.150	ng	99
89) Benzo(k)fluoranthene	15.04	252	1026662	41.991	ng	99
90) Benzo(a)pyrene	15.38	252	927808	41.348	ng	99
91) Dibenzo(a,h)anthracene	16.90	278	854928	44.015	ng	99
92) Benzo(g,h,i)perylene	17.34	276	859095	45.036	ng	99

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

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