Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116712.D
Acq On : 31 Aug 2019 22:56
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 01 00:45:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	120833	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	499899	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	258078	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	411535	20.00	ng		0.00
76) Chrysene-d12	13.99	240	250352	20.00	ng		0.00
87) Perylene-d12	15.44	264	305226	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	599827	80.42	ng		0.00
7) Phenol-d6	6.47	99	802136	81.90	ng		0.00
23) Nitrobenzene-d5	7.41	82	760043	86.80	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	153388	88.90	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1234302	80.68	ng		0.00
79) Terphenyl-d14	12.94	244	1104116	81.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	134552	39.079	ng		98
3) Pyridine	3.30	79	391126	39.234	ng		93
4) n-Nitrosodimethylamine	3.24	42	127866	37.352	ng		86
6) Aniline	6.51	93	538038	39.664	ng		98
8) 2-Chlorophenol	6.63	128	333665	40.980	ng		98
9) Benzaldehyde	6.39	77	246830	38.254	ng		97
10) Phenol	6.49	94	456149	42.061	ng		96
11) bis(2-Chloroethyl)ether	6.58	93	337179	39.929	ng		97
12) 1,3-Dichlorobenzene	6.79	146	368473	40.042	ng		96
13) 1,4-Dichlorobenzene	6.86	146	366872	40.045	ng		99
14) 1,2-Dichlorobenzene	7.02	146	349623	41.180	ng		97
15) Benzyl Alcohol	6.99	79	318970	40.122	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	385251	38.885	ng		99
17) 2-Methylphenol	7.10	107	288477	40.473	ng		96
18) Hexachloroethane	7.36	117	137958	38.758	ng	#	88
19) n-Nitroso-di-n-propylamine	7.26	70	250774	38.888	ng	#	89
20) 3+4-Methylphenols	7.25	107	344981	41.628	ng	#	83
22) Acetophenone	7.26	105	490435	40.750	ng	#	91
24) Nitrobenzene	7.43	77	382034	42.896	ng		95
25) Isophorone	7.67	82	696783	39.268	ng		99
26) 2-Nitrophenol	7.75	139	163196	49.288	ng		89
27) 2,4-Dimethylphenol	7.78	122	267226	39.962	ng		95
28) bis(2-Chloroethoxy)methane	7.87	93	432879	39.921	ng		99
29) 2,4-Dichlorophenol	7.99	162	270628	42.112	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	280912	40.301	ng		97
31) Naphthalene	8.15	128	972185	40.898	ng		99
32) Benzoic acid	7.87	122	114412	30.302	ng		93
33) 4-Chloroaniline	8.20	127	442748	40.918	ng		95
34) Hexachlorobutadiene	8.27	225	157242	41.373	ng		99
35) Caprolactam	8.56	113	98957	41.146	ng		95
36) 4-Chloro-3-methylphenol	8.67	107	311741	42.206	ng		98
37) 2-Methylnaphthalene	8.84	142	650815	41.149	ng		97
38) 1-Methylnaphthalene	8.94	142	619971	41.525	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	253969	41.051	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	67117	18.787	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	183129	43.182	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	190298	43.222	ng		95
46) 1,1'-Biphenyl	9.30	154	795589	40.626	ng		97
47) 2-Chloronaphthalene	9.33	162	621331	40.058	ng		98
48) 2-Nitroaniline	9.42	65	215696	48.102	ng		96
49) Acenaphthylene	9.75	152	941805	40.168	ng		98
50) Dimethylphthalate	9.60	163	723854	40.626	ng		99
51) 2,6-Dinitrotoluene	9.66	165	158751	46.699	ng		92
52) Acenaphthene	9.92	154	576705	40.032	ng		99
53) 3-Nitroaniline	9.83	138	203780	47.833	ng		92
54) 2,4-Dinitrophenol	9.93	184	21910	25.152	ng		92
55) Dibenzofuran	10.09	168	840246	41.374	ng		99
56) 4-Nitrophenol	9.98	139	130913	44.816	ng		90
57) 2,4-Dinitrotoluene	10.06	165	212709	51.172	ng		98
58) Fluorene	10.43	166	632532	40.876	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	138878	43.706	ng		95
60) Diethylphthalate	10.30	149	732673	41.051	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	280181	41.348	ng		95
62) 4-Nitroaniline	10.44	138	202172	48.900	ng		91
63) Azobenzene	10.58	77	761554	40.921	ng		94
65) 4,6-Dinitro-2-methylphenol	10.47	198	41712	30.700	ng		86
66) n-Nitrosodiphenylamine	10.54	169	595404	41.823	ng		98
67) 4-Bromophenyl-phenylether	10.91	248	171129	40.934	ng		97
68) Hexachlorobenzene	10.98	284	181998	41.609	ng		96
69) Atrazine	11.06	200	168137	42.169	ng		98
70) Pentachlorophenol	11.17	266	81083	38.320	ng		98
71) Phenanthrene	11.39	178	940130	41.038	ng		99
72) Anthracene	11.44	178	950155	41.202	ng		99
73) Carbazole	11.59	167	897049	40.837	ng		99
74) Di-n-butylphthalate	11.92	149	1187398	42.165	ng		99
75) Fluoranthene	12.57	202	867493	38.532	ng		98
77) Benzidine	12.69	184	405104	41.255	ng		99
78) Pyrene	12.80	202	856670	38.494	ng		100
80) Butylbenzylphthalate	13.42	149	450812	41.655	ng		98
81) Benzo(a)anthracene	13.99	228	638349	40.288	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	224776	41.978	ng		99
83) Chrysene	14.02	228	659389	40.394	ng		100
84) Bis(2-ethylhexyl)phthalate	13.97	149	582322	43.589	ng		99
85) Di-n-octyl phthalate	14.59	149	952312	43.560	ng		97
86) Indeno(1,2,3-cd)pyrene	16.90	276	685260	52.263	ng	#	93
88) Benzo(b)fluoranthene	15.03	252	690374	37.412	ng		98
89) Benzo(k)fluoranthene	15.06	252	642056	38.160	ng		98
90) Benzo(a)pyrene	15.39	252	647158	40.309	ng		97
91) Dibenzo(a,h)anthracene	16.91	278	567027	40.350	ng	#	94
92) Benzo(g,h,i)perylene	17.33	276	515419	35.963	ng	#	91

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

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