Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116663.D
Acq On : 30 Aug 2019 21:20
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 31 03:39:24 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	127370	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	535625	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	271995	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	433801	20.00	ng	0.00
76) Chrysene-d12	14.00	240	269678	20.00	ng	0.00
87) Perylene-d12	15.44	264	233439	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	638313	81.19	ng	0.00
7) Phenol-d6	6.48	99	841519	81.51	ng	0.00
23) Nitrobenzene-d5	7.41	82	792925	84.51	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	154762	85.11	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1302006	80.75	ng	0.00
79) Terphenyl-d14	12.95	244	1180673	80.99	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.59	88	146712	40.424	ng	98
3) Pyridine	3.34	79	428216	40.750	ng	97
4) n-Nitrosodimethylamine	3.29	42	145734	40.387	ng	87
6) Aniline	6.51	93	590571	41.302	ng	96
8) 2-Chlorophenol	6.63	128	349579	40.731	ng	95
9) Benzaldehyde	6.40	77	268065	39.413	ng	95
10) Phenol	6.49	94	472326	41.317	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	361574	40.620	ng	99
12) 1,3-Dichlorobenzene	6.79	146	390275	40.234	ng	98
13) 1,4-Dichlorobenzene	6.87	146	394932	40.895	ng	100
14) 1,2-Dichlorobenzene	7.02	146	365146	40.801	ng	97
15) Benzyl Alcohol	6.99	79	346867	41.392	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	426607	40.849	ng	98
17) 2-Methylphenol	7.10	107	307022	40.865	ng	97
18) Hexachloroethane	7.37	117	153520	40.917	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	277321	40.797	ng	95
20) 3+4-Methylphenols	7.25	107	359818	41.190	ng	92
22) Acetophenone	7.26	105	528250	40.965	ng	96
24) Nitrobenzene	7.43	77	405353	42.479	ng	99
25) Isophorone	7.67	82	763676	40.168	ng	99
26) 2-Nitrophenol	7.75	139	155417	43.808	ng	96
27) 2,4-Dimethylphenol	7.78	122	295885	41.296	ng	95
28) bis(2-Chloroethoxy)methane	7.88	93	473641	40.767	ng	99
29) 2,4-Dichlorophenol	7.99	162	287145	41.702	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	302417	40.492	ng	97
31) Naphthalene	8.16	128	1039121	40.799	ng	99
32) Benzoic acid	7.90	122	165816	40.987	ng	99
33) 4-Chloroaniline	8.20	127	472055	40.717	ng	98
34) Hexachlorobutadiene	8.27	225	167206	41.061	ng	96
35) Caprolactam	8.57	113	103245	40.065	ng	98
36) 4-Chloro-3-methylphenol	8.67	107	330237	41.728	ng	98
37) 2-Methylnaphthalene	8.85	142	695801	41.059	ng	96
38) 1-Methylnaphthalene	8.95	142	657642	41.110	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	264076	40.501	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	151755	40.304 ng		96
43) 2,4,6-Trichlorophenol	9.12	196	181819	40.679 ng		98
44) 2,4,5-Trichlorophenol	9.16	196	192675	41.523 ng	#	93
46) 1,1'-Biphenyl	9.31	154	835498	40.481 ng		98
47) 2-Chloronaphthalene	9.33	162	666499	40.772 ng		100
48) 2-Nitroaniline	9.42	65	208322	44.080 ng		94
49) Acenaphthylene	9.75	152	1006660	40.738 ng		99
50) Dimethylphthalate	9.61	163	754057	40.155 ng		98
51) 2,6-Dinitrotoluene	9.66	165	158327	44.191 ng		97
52) Acenaphthene	9.92	154	623054	41.036 ng		99
53) 3-Nitroaniline	9.83	138	193810	43.165 ng		91
54) 2,4-Dinitrophenol	9.93	184	47991	42.525 ng		93
55) Dibenzofuran	10.09	168	874842	40.873 ng		100
56) 4-Nitrophenol	9.99	139	135153	43.900 ng		85
57) 2,4-Dinitrotoluene	10.07	165	200370	45.737 ng		95
58) Fluorene	10.43	166	655812	40.212 ng		97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	140556	41.971 ng		92
60) Diethylphthalate	10.30	149	765469	40.694 ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	292211	40.916 ng		90
62) 4-Nitroaniline	10.45	138	189489	43.487 ng		95
63) Azobenzene	10.59	77	803931	40.988 ng		93
65) 4,6-Dinitro-2-methylphenol	10.47	198	67442	43.111 ng		82
66) n-Nitrosodiphenylamine	10.54	169	602197	40.129 ng		97
67) 4-Bromophenyl-phenylether	10.92	248	176031	39.945 ng		95
68) Hexachlorobenzene	10.99	284	186787	40.512 ng		95
69) Atrazine	11.07	200	171146	40.720 ng		97
70) Pentachlorophenol	11.17	266	97577	43.748 ng		97
71) Phenanthrene	11.39	178	962088	39.841 ng		99
72) Anthracene	11.45	178	982386	40.413 ng		100
73) Carbazole	11.59	167	921082	39.778 ng		99
74) Di-n-butylphthalate	11.93	149	1194469	40.239 ng		99
75) Fluoranthene	12.57	202	955551	40.265 ng		97
77) Benzidine	12.69	184	438929	41.497 ng		99
78) Pyrene	12.80	202	966346	40.310 ng		98
80) Butylbenzylphthalate	13.42	149	481186	41.276 ng		96
81) Benzo(a)anthracene	13.99	228	691357	40.506 ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	237273	41.136 ng		98
83) Chrysene	14.03	228	714400	40.628 ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	573341	39.841 ng		97
85) Di-n-octyl phthalate	14.59	149	960133	40.770 ng		97
86) Indeno(1,2,3-cd)pyrene	16.89	276	517138	36.614 ng	#	93
88) Benzo(b)fluoranthene	15.03	252	555398	39.353 ng	#	98
89) Benzo(k)fluoranthene	15.06	252	548868	42.653 ng		98
90) Benzo(a)pyrene	15.39	252	502040	40.887 ng		98
91) Dibenzo(a,h)anthracene	16.91	278	421891	39.254 ng	#	93
92) Benzo(g,h,i)perylene	17.33	276	426753	38.933 ng	#	93

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

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