Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
Data File : BF116578.D
Acq On : 27 Aug 2019 11:02
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 27 17:46:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	68251	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	281144	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	146646	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	258109	20.00	ng	0.00
76) Chrysene-d12	14.03	240	260508	20.00	ng	0.00
87) Perylene-d12	15.49	264	242882	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	345786	74.03	ng	0.00
7) Phenol-d6	6.50	99	444652	77.64	ng	0.00
23) Nitrobenzene-d5	7.44	82	429209	83.52	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	111082	88.22	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	765617	84.08	ng	0.00
79) Terphenyl-d14	12.97	244	1063121	76.23	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	69174	34.203	ng	98
3) Pyridine	3.40	79	205707	33.400	ng	96
4) n-Nitrosodimethylamine	3.35	42	87128	38.752	ng	88
6) Aniline	6.54	93	297469	38.363	ng	98
8) 2-Chlorophenol	6.66	128	187048	38.159	ng	97
9) Benzaldehyde	6.42	77	138743	36.256	ng	99
10) Phenol	6.52	94	249590	40.130	ng	97
11) bis(2-Chloroethyl)ether	6.61	93	175145	36.985	ng	99
12) 1,3-Dichlorobenzene	6.82	146	208490	39.297	ng	93
13) 1,4-Dichlorobenzene	6.89	146	212798	41.674	ng	99
14) 1,2-Dichlorobenzene	7.05	146	202503	42.038	ng	98
15) Benzyl Alcohol	7.01	79	184531	39.812	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	209222	31.954	ng	95
17) 2-Methylphenol	7.12	107	160968	39.634	ng	97
18) Hexachloroethane	7.39	117	79238	39.788	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	138356	35.402	ng	99
20) 3+4-Methylphenols	7.27	107	208867	41.982	ng	95
22) Acetophenone	7.28	105	288791	41.079	ng	96
24) Nitrobenzene	7.46	77	212524	39.935	ng	99
25) Isophorone	7.69	82	367359	36.276	ng	99
26) 2-Nitrophenol	7.77	139	95553	49.156	ng	94
27) 2,4-Dimethylphenol	7.80	122	150105	37.008	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	224093	35.832	ng	99
29) 2,4-Dichlorophenol	8.01	162	156705	40.626	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	179875	41.423	ng	98
31) Naphthalene	8.18	128	557258	40.973	ng	100
32) Benzoic acid	7.92	122	126273	48.698	ng	96
33) 4-Chloroaniline	8.22	127	239975	40.193	ng	99
34) Hexachlorobutadiene	8.30	225	102277	43.187	ng	99
35) Caprolactam	8.59	113	49184	36.607	ng	93
36) 4-Chloro-3-methylphenol	8.70	107	172881	39.723	ng	98
37) 2-Methylnaphthalene	8.87	142	362946	38.867	ng	97
38) 1-Methylnaphthalene	8.97	142	344854	39.533	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	163596	41.465	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	95070	44.786	ng		99
43) 2,4,6-Trichlorophenol	9.14	196	113474	41.094	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	115416	41.079	ng		97
46) 1,1'-Biphenyl	9.33	154	473227	40.362	ng		98
47) 2-Chloronaphthalene	9.36	162	360811	39.695	ng		98
48) 2-Nitroaniline	9.45	65	118971	42.748	ng		100
49) Acenaphthylene	9.77	152	534017	40.156	ng		99
50) Dimethylphthalate	9.63	163	402544	39.343	ng		100
51) 2,6-Dinitrotoluene	9.69	165	86195	41.158	ng		98
52) Acenaphthene	9.95	154	352539	41.313	ng		99
53) 3-Nitroaniline	9.86	138	107260	42.967	ng		88
54) 2,4-Dinitrophenol	9.96	184	40316	52.411	ng	#	1
55) Dibenzofuran	10.12	168	479820	40.338	ng		99
56) 4-Nitrophenol	10.00	139	79673	41.062	ng		96
57) 2,4-Dinitrotoluene	10.09	165	116133	43.580	ng		98
58) Fluorene	10.46	166	374498	40.523	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	95270	41.296	ng		99
60) Diethylphthalate	10.33	149	398216	39.599	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	183211	40.636	ng		93
62) 4-Nitroaniline	10.47	138	111835	45.806	ng		96
63) Azobenzene	10.61	77	396305	38.328	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	51585	48.632	ng		94
66) n-Nitrosodiphenylamine	10.56	169	321247	38.438	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	107424	39.699	ng	#	89
68) Hexachlorobenzene	11.01	284	119320	39.867	ng		98
69) Atrazine	11.09	200	97128	38.788	ng		98
70) Pentachlorophenol	11.19	266	71112	40.724	ng		99
71) Phenanthrene	11.42	178	563385	40.068	ng		99
72) Anthracene	11.47	178	569747	40.325	ng		100
73) Carbazole	11.62	167	512969	40.447	ng		99
74) Di-n-butylphthalate	11.95	149	590899	37.599	ng		99
75) Fluoranthene	12.60	202	613519	42.204	ng		98
77) Benzidine	12.72	184	355179	33.888	ng		98
78) Pyrene	12.83	202	811530	38.954	ng		99
80) Butylbenzylphthalate	13.44	149	329864	36.663	ng		95
81) Benzo(a)anthracene	14.02	228	666391	39.496	ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	237006	39.418	ng		99
83) Chrysene	14.06	228	664661	38.867	ng		99
84) Bis(2-ethylhexyl)phthalate	14.01	149	411002	34.258	ng		100
85) Di-n-octyl phthalate	14.63	149	679944	33.383	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	501865	34.259	ng		98
88) Benzo(b)fluoranthene	15.07	252	614013	40.923	ng		99
89) Benzo(k)fluoranthene	15.10	252	546643	40.215	ng		100
90) Benzo(a)pyrene	15.43	252	533305	40.217	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	401523	36.849	ng		98
92) Benzo(g,h,i)perylene	17.40	276	393093	37.841	ng		97

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

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