Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116141.D
Acq On : 10 Aug 2019 10:54
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 12 00:53:32 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	6.84	152	125316	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	523585	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	278307	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	483554	20.00	ng		0.00
76) Chrysene-d12	14.01	240	358858	20.00	ng		0.00
87) Perylene-d12	15.47	264	334113	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	655082	87.51	ng		0.00
7) Phenol-d6	6.48	99	802442	84.96	ng		0.00
23) Nitrobenzene-d5	7.40	82	741688	81.77	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	229877	85.19	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1255588	84.50	ng		-0.01
79) Terphenyl-d14	12.94	244	1442316	84.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	155361	41.082	ng		99
3) Pyridine	3.35	79	394524	37.346	ng		97
4) n-Nitrosodimethylamine	3.30	42	158195	37.946	ng		98
6) Aniline	6.50	93	545951	40.364	ng		94
8) 2-Chlorophenol	6.63	128	365293	44.130	ng		96
9) Benzaldehyde	6.39	77	252432	38.737	ng		99
10) Phenol	6.49	94	471325	42.378	ng		86
11) bis(2-Chloroethyl)ether	6.57	93	351375	42.971	ng		99
12) 1,3-Dichlorobenzene	6.78	146	408432	42.694	ng		99
13) 1,4-Dichlorobenzene	6.86	146	407938	42.588	ng		99
14) 1,2-Dichlorobenzene	7.01	146	379915	43.075	ng		98
15) Benzyl Alcohol	6.99	79	299071	41.726	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	475238	42.609	ng		99
17) 2-Methylphenol	7.10	107	296018	42.233	ng		99
18) Hexachloroethane	7.35	117	152305	43.187	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	247789	42.338	ng		99
20) 3+4-Methylphenols	7.25	107	366802	44.223	ng	#	88
22) Acetophenone	7.25	105	476902	41.531	ng		99
24) Nitrobenzene	7.42	77	415533	42.427	ng		97
25) Isophorone	7.66	82	726241	41.872	ng		100
26) 2-Nitrophenol	7.74	139	203305	44.036	ng		98
27) 2,4-Dimethylphenol	7.77	122	285652	41.125	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	460760	42.860	ng		100
29) 2,4-Dichlorophenol	7.99	162	319542	43.570	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	349176	41.768	ng		100
31) Naphthalene	8.15	128	1044916	42.409	ng		99
32) Benzoic acid	7.93	122	180735	36.907	ng		98
33) 4-Chloroaniline	8.19	127	458786	41.674	ng		99
34) Hexachlorobutadiene	8.26	225	203634	42.289	ng		99
35) Caprolactam	8.57	113	96284	40.592	ng		97
36) 4-Chloro-3-methylphenol	8.68	107	329408	43.175	ng		97
37) 2-Methylnaphthalene	8.83	142	693203	42.720	ng		99
38) 1-Methylnaphthalene	8.93	142	653306	42.557	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	322711	43.374	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	115923	38.059 ng	98
43) 2,4,6-Trichlorophenol	9.12	196	203470	39.731 ng	99
44) 2,4,5-Trichlorophenol	9.16	196	214010	40.426 ng	99
46) 1,1'-Biphenyl	9.30	154	839234	42.713 ng	98
47) 2-Chloronaphthalene	9.32	162	685083	41.893 ng	99
48) 2-Nitroaniline	9.42	65	224077	41.455 ng	93
49) Acenaphthylene	9.74	152	1021470	42.815 ng	98
50) Dimethylphthalate	9.60	163	802294	42.338 ng	99
51) 2,6-Dinitrotoluene	9.66	165	174500	42.374 ng	92
52) Acenaphthene	9.91	154	615223	42.034 ng	99
53) 3-Nitroaniline	9.84	138	206618	40.606 ng	95
54) 2,4-Dinitrophenol	9.96	184	76533	40.784 ng	99
55) Dibenzofuran	10.08	168	884437	41.552 ng	99
56) 4-Nitrophenol	10.01	139	125199	38.409 ng	93
57) 2,4-Dinitrotoluene	10.07	165	223334	40.733 ng	99
58) Fluorene	10.43	166	710806	43.405 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	179514	40.306 ng	99
60) Diethylphthalate	10.29	149	761646	43.051 ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	361963	43.643 ng	97
62) 4-Nitroaniline	10.45	138	214355	40.763 ng	99
63) Azobenzene	10.57	77	776032	42.646 ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	110057	42.949 ng	85
66) n-Nitrosodiphenylamine	10.53	169	622068	42.741 ng	99
67) 4-Bromophenyl-phenylether	10.90	248	226951	43.843 ng	96
68) Hexachlorobenzene	10.98	284	253672	42.379 ng	97
69) Atrazine	11.06	200	159660	33.345 ng	98
70) Pentachlorophenol	11.18	266	99855	34.361 ng	98
71) Phenanthrene	11.39	178	1050620	42.500 ng	99
72) Anthracene	11.44	178	1082173	43.256 ng	99
73) Carbazole	11.59	167	1003964	44.232 ng	99
74) Di-n-butylphthalate	11.92	149	1211925	45.771 ng	99
75) Fluoranthene	12.57	202	1120407	43.293 ng	97
77) Benzidine	12.69	184	501294	41.348 ng	100
78) Pyrene	12.80	202	1127935	41.696 ng	99
80) Butylbenzylphthalate	13.41	149	509985	44.568 ng	95
81) Benzo(a)anthracene	14.00	228	987282	43.043 ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	339605	42.617 ng	98
83) Chrysene	14.03	228	948573	42.598 ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	713556	47.987 ng	98
85) Di-n-octyl phthalate	14.58	149	1115725	47.239 ng	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	740876	39.613 ng	100
88) Benzo(b)fluoranthene	15.04	252	806223	41.733 ng	100
89) Benzo(k)fluoranthene	15.07	252	828123	44.010 ng	99
90) Benzo(a)pyrene	15.41	252	736826	42.666 ng	99
91) Dibenzo(a,h)anthracene	16.95	278	616010	41.208 ng	100
92) Benzo(g,h,i)perylene	17.39	276	595021	40.530 ng	98

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

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