Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116480.D
Acq On : 23 Aug 2019 16:36
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Jagrut
8/28/2019 8:09:35 AM

Quant Time: Aug 24 03:40:27 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	6.89	152	119088	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	497859	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	258789	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	451594	20.00	ng	0.00
76) Chrysene-d12	14.03	240	328509	20.00	ng	0.00
87) Perylene-d12	15.50	264	302281	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	609419	74.77	ng	0.00
7) Phenol-d6	6.50	99	783324	78.38	ng	0.00
23) Nitrobenzene-d5	7.45	82	718178	78.92	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	187997	84.60	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1255089	78.10	ng	0.00
79) Terphenyl-d14	12.98	244	1367188	77.74	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.67	88	133979	37.967	ng	99
3) Pyridine	3.43	79	396798	36.924	ng	99
4) n-Nitrosodimethylamine	3.37	42	153860	39.220	ng	97
6) Aniline	6.55	93	528478	39.061	ng	100
8) 2-Chlorophenol	6.67	128	329303	38.502	ng	98
9) Benzaldehyde	6.43	77	269825	40.410	ng	97
10) Phenol	6.52	94	409433m	37.728	ng	
11) bis(2-Chloroethyl)ether	6.62	93	319370	38.652	ng	99
12) 1,3-Dichlorobenzene	6.83	146	365361	39.467	ng	96
13) 1,4-Dichlorobenzene	6.90	146	364983	40.964	ng	97
14) 1,2-Dichlorobenzene	7.06	146	344542	40.992	ng	99
15) Benzyl Alcohol	7.02	79	311545	38.522	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	422267	36.961	ng	98
17) 2-Methylphenol	7.13	107	280279	39.552	ng	100
18) Hexachloroethane	7.40	117	139334	40.098	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	246801	36.192	ng	95
20) 3+4-Methylphenols	7.28	107	349462	40.256	ng	92
22) Acetophenone	7.29	105	478555	38.440	ng	95
24) Nitrobenzene	7.46	77	367737	39.021	ng	98
25) Isophorone	7.70	82	652749	36.399	ng	98
26) 2-Nitrophenol	7.78	139	154633	44.921	ng	93
27) 2,4-Dimethylphenol	7.82	122	264136	36.775	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	408019	36.843	ng	99
29) 2,4-Dichlorophenol	8.02	162	269012	39.384	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	306601	39.872	ng	100
31) Naphthalene	8.19	128	948170	39.369	ng	100
32) Benzoic acid	7.92	122	217214	47.306	ng	92
33) 4-Chloroaniline	8.23	127	420837	39.803	ng	98
34) Hexachlorobutadiene	8.31	225	170705	40.705	ng	100
35) Caprolactam	8.60	113	90021	37.836	ng	89
36) 4-Chloro-3-methylphenol	8.70	107	292709	37.980	ng	96
37) 2-Methylnaphthalene	8.87	142	627261	37.932	ng	99
38) 1-Methylnaphthalene	8.97	142	595788	38.569	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	277589	39.869	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	149620	39.941	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	193704	39.751	ng		95
44) 2,4,5-Trichlorophenol	9.19	196	201659	40.672	ng		95
46) 1,1'-Biphenyl	9.34	154	797858	38.561	ng		99
47) 2-Chloronaphthalene	9.36	162	619121	38.597	ng		99
48) 2-Nitroaniline	9.45	65	197419	40.197	ng		97
49) Acenaphthylene	9.78	152	928084	39.547	ng		99
50) Dimethylphthalate	9.64	163	696710	38.586	ng		100
51) 2,6-Dinitrotoluene	9.69	165	152404	41.238	ng		93
52) Acenaphthene	9.95	154	593593	39.418	ng		99
53) 3-Nitroaniline	9.86	138	187974	42.669	ng		90
54) 2,4-Dinitrophenol	9.96	184	53252	41.347	ng	#	1
55) Dibenzofuran	10.12	168	821512	39.136	ng		98
56) 4-Nitrophenol	10.01	139	142747	41.689	ng		92
57) 2,4-Dinitrotoluene	10.09	165	199899	42.507	ng		99
58) Fluorene	10.46	166	630899	38.684	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	170643	41.915	ng		98
60) Diethylphthalate	10.33	149	687762	38.755	ng		100
61) 4-Chlorophenyl-phenylether	10.46	204	310808	39.064	ng		99
62) 4-Nitroaniline	10.47	138	181608	42.151	ng		96
63) Azobenzene	10.62	77	714963	39.183	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	77506	42.752	ng		87
66) n-Nitrosodiphenylamine	10.57	169	573703	39.234	ng		100
67) 4-Bromophenyl-phenylether	10.95	248	187829	39.673	ng		95
68) Hexachlorobenzene	11.02	284	207356	39.598	ng		95
69) Atrazine	11.10	200	178645	40.776	ng		100
70) Pentachlorophenol	11.20	266	127526	41.741	ng		100
71) Phenanthrene	11.43	178	982074	39.920	ng		99
72) Anthracene	11.47	178	1000957	40.491	ng		100
73) Carbazole	11.62	167	899640	40.543	ng		99
74) Di-n-butylphthalate	11.96	149	1078125	39.210	ng		100
75) Fluoranthene	12.61	202	1023749	40.251	ng		98
77) Benzidine	12.73	184	550920	41.683	ng		98
78) Pyrene	12.84	202	1043712	39.728	ng		99
80) Butylbenzylphthalate	13.46	149	454318	40.043	ng		94
81) Benzo(a)anthracene	14.02	228	848983	39.903	ng		100
82) 3,3'-Dichlorobenzidine	13.99	252	312743	41.247	ng		98
83) Chrysene	14.06	228	846079	39.234	ng		100
84) Bis(2-ethylhexyl)phthalate	14.02	149	564216	37.294	ng		99
85) Di-n-octyl phthalate	14.63	149	963711	37.521	ng		100
86) Indeno(1,2,3-cd)pyrene	16.96	276	609690	33.005	ng		98
88) Benzo(b)fluoranthene	15.07	252	769457	41.206	ng		97
89) Benzo(k)fluoranthene	15.10	252	689297	40.745	ng		99
90) Benzo(a)pyrene	15.44	252	647154	39.213	ng		99
91) Dibenzo(a,h)anthracene	16.98	278	499282	36.816	ng		98
92) Benzo(g,h,i)perylene	17.41	276	480239	37.145	ng		96

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

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