Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113882.D
Acq On : 22 Apr 2019 17:20
Operator : JU/SJ
Sample : SSTDICV40
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF042219

Manual Integrations APPROVED
Sohil
4/23/2019 4:07:55 PM

Quant Time: Apr 22 17:45:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 17:06:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	177590	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	711322	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	375818	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	761011	20.00	ng		0.00
76) Chrysene-d12	14.09	240	672195	20.00	ng		0.02
87) Perylene-d12	15.60	264	594002	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	847590	81.63	ng		0.00
7) Phenol-d6	6.52	99	1065268	81.77	ng		0.00
23) Nitrobenzene-d5	7.46	82	978164	84.91	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	390599	85.32	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1905474	79.30	ng		0.00
79) Terphenyl-d14	13.00	244	2432292	74.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	194699	39.779	ng		98
3) Pyridine	3.45	79	545339	40.819	ng		99
4) n-Nitrosodimethylamine	3.40	42	183727	40.174	ng		94
6) Aniline	6.56	93	734513	41.061	ng		99
8) 2-Chlorophenol	6.69	128	487626	41.134	ng		96
9) Benzaldehyde	6.45	77	306775	42.211	ng		96
10) Phenol	6.54	94	642144	41.223	ng		97
11) bis(2-Chloroethyl)ether	6.63	93	476034	40.610	ng		100
12) 1,3-Dichlorobenzene	6.84	146	547657	40.791	ng		100
13) 1,4-Dichlorobenzene	6.92	146	545482	40.394	ng		99
14) 1,2-Dichlorobenzene	7.07	146	512585	41.302	ng		99
15) Benzyl Alcohol	7.03	79	369905	42.161	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	557401	40.735	ng		93
17) 2-Methylphenol	7.15	107	422084	40.619	ng		99
18) Hexachloroethane	7.42	117	193428	40.861	ng		99
19) n-Nitroso-di-n-propylamine	7.31	70	340004	40.303	ng		99
20) 3+4-Methylphenols	7.30	107	492808	41.976	ng	#	88
22) Acetophenone	7.30	105	639931	40.427	ng		96
24) Nitrobenzene	7.47	77	528705	41.533	ng		100
25) Isophorone	7.72	82	941073	39.922	ng		100
26) 2-Nitrophenol	7.79	139	257751	44.384	ng		97
27) 2,4-Dimethylphenol	7.83	122	382235	40.398	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	601395	40.037	ng		100
29) 2,4-Dichlorophenol	8.03	162	435131	40.216	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	487036	40.370	ng		99
31) Naphthalene	8.20	128	1384697	40.977	ng		100
32) Benzoic acid	7.95	122	292703m	45.809	ng		
33) 4-Chloroaniline	8.25	127	570291	39.885	ng		97
34) Hexachlorobutadiene	8.32	225	304602	40.502	ng		100
35) Caprolactam	8.62	113	139865	40.636	ng		97
36) 4-Chloro-3-methylphenol	8.73	107	434922	40.573	ng		95
37) 2-Methylnaphthalene	8.89	142	924043	40.551	ng		98
38) 1-Methylnaphthalene	8.99	142	902741	41.046	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	499874	40.947	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	270350	39.713	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	316932	40.885	ng		98
44) 2,4,5-Trichlorophenol	9.21	196	357016	41.060	ng		97
46) 1,1'-Biphenyl	9.36	154	1183159	41.211	ng		98
47) 2-Chloronaphthalene	9.38	162	950245	40.701	ng		98
48) 2-Nitroaniline	9.47	65	269946	44.106	ng		94
49) Acenaphthylene	9.80	152	1504436	41.160	ng		100
50) Dimethylphthalate	9.66	163	1113491	40.968	ng		100
51) 2,6-Dinitrotoluene	9.71	165	261928	44.919	ng		91
52) Acenaphthene	9.97	154	896582	41.507	ng		97
53) 3-Nitroaniline	9.88	138	266082	43.425	ng		98
54) 2,4-Dinitrophenol	9.99	184	104382	45.391	ng	#	1
55) Dibenzofuran	10.14	168	1336072	41.292	ng		98
56) 4-Nitrophenol	10.03	139	219929	45.332	ng		97
57) 2,4-Dinitrotoluene	10.12	165	342067	46.476	ng		98
58) Fluorene	10.49	166	1003886	41.210	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	317835	41.596	ng		99
60) Diethylphthalate	10.35	149	1078060	41.768	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	530491	41.120	ng		100
62) 4-Nitroaniline	10.49	138	266009	44.487	ng		97
63) Azobenzene	10.63	77	1033256	41.305	ng		98
65) 4,6-Dinitro-2-methylphenol	10.53	198	151713	44.181	ng		89
66) n-Nitrosodiphenylamine	10.59	169	922592	40.404	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	367488	39.973	ng		98
68) Hexachlorobenzene	11.03	284	406052	40.193	ng		98
69) Atrazine	11.12	200	297358	40.032	ng		100
70) Pentachlorophenol	11.22	266	248060	43.368	ng		98
71) Phenanthrene	11.45	178	1571544	41.091	ng		99
72) Anthracene	11.50	178	1576872	40.829	ng		99
73) Carbazole	11.65	167	1434104	41.621	ng		99
74) Di-n-butylphthalate	11.98	149	1691196	41.726	ng		100
75) Fluoranthene	12.63	202	1720023	41.222	ng		99
77) Benzidine	12.74	184	913411	45.606	ng		98
78) Pyrene	12.86	202	1707958	36.334	ng		99
80) Butylbenzylphthalate	13.48	149	730469	39.495	ng		99
81) Benzo(a)anthracene	14.07	228	1562069	39.442	ng		99
82) 3,3'-Dichlorobenzidine	14.03	252	618674	42.620	ng	#	98
83) Chrysene	14.12	228	1548535	40.148	ng		99
84) Bis(2-ethylhexyl)phthalate	14.06	149	957139	40.675	ng		99
85) Di-n-octyl phthalate	14.72	149	1590936	43.194	ng		99
86) Indeno(1,2,3-cd)pyrene	17.10	276	1323758	36.232	ng		98
88) Benzo(b)fluoranthene	15.17	252	1493553	39.741	ng		99
89) Benzo(k)fluoranthene	15.20	252	1354655	41.904	ng		99
90) Benzo(a)pyrene	15.54	252	1289147	39.658	ng		99
91) Dibenzo(a,h)anthracene	17.13	278	1107546	36.296	ng		99
92) Benzo(g,h,i)perylene	17.56	276	1042233	33.845	ng		99

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

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