Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116661.D
Acq On : 30 Aug 2019 19:56
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF083019

Quant Time: Aug 31 00:50:08 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	128796	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	545030	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	277638	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	433146	20.00	ng		0.00
76) Chrysene-d12	14.00	240	280463	20.00	ng		0.00
87) Perylene-d12	15.45	264	246270	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	635530	79.94	ng		0.00
7) Phenol-d6	6.48	99	855167	81.92	ng		0.00
23) Nitrobenzene-d5	7.42	82	806655	84.49	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	158187	85.23	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1312910	79.77	ng		0.00
79) Terphenyl-d14	12.95	244	1186576	78.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	148176	40.375	ng		99
3) Pyridine	3.34	79	437671	41.189	ng		94
4) n-Nitrosodimethylamine	3.29	42	145679	39.924	ng		86
6) Aniline	6.51	93	583843	40.380	ng		100
8) 2-Chlorophenol	6.64	128	352500	40.617	ng		99
9) Benzaldehyde	6.40	77	263755	38.350	ng		99
10) Phenol	6.49	94	474041	41.008	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	367305	40.807	ng		100
12) 1,3-Dichlorobenzene	6.79	146	394521	40.222	ng		98
13) 1,4-Dichlorobenzene	6.87	146	397936	40.750	ng		99
14) 1,2-Dichlorobenzene	7.02	146	369610	40.842	ng		96
15) Benzyl Alcohol	6.99	79	351472	41.477	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	429680	40.688	ng		98
17) 2-Methylphenol	7.10	107	304665	40.102	ng		97
18) Hexachloroethane	7.37	117	155241	40.918	ng	#	89
19) n-Nitroso-di-n-propylamine	7.26	70	282120	41.044	ng		94
20) 3+4-Methylphenols	7.25	107	367641	41.619	ng		98
22) Acetophenone	7.26	105	527831	40.226	ng	#	87
24) Nitrobenzene	7.43	77	409349	42.157	ng		95
25) Isophorone	7.67	82	766811	39.636	ng		98
26) 2-Nitrophenol	7.75	139	161242	44.665	ng		96
27) 2,4-Dimethylphenol	7.78	122	295324	40.507	ng		96
28) bis(2-Chloroethoxy)methane	7.88	93	476764	40.327	ng		99
29) 2,4-Dichlorophenol	7.99	162	286516	40.892	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	301878	39.723	ng		96
31) Naphthalene	8.16	128	1045931	40.357	ng		99
32) Benzoic acid	7.90	122	168340	40.893	ng		97
33) 4-Chloroaniline	8.20	127	462860	39.235	ng		100
34) Hexachlorobutadiene	8.28	225	165240	39.878	ng		98
35) Caprolactam	8.57	113	105050	40.062	ng		98
36) 4-Chloro-3-methylphenol	8.68	107	327840	40.711	ng		96
37) 2-Methylnaphthalene	8.85	142	698662	40.517	ng		97
38) 1-Methylnaphthalene	8.95	142	661429	40.633	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	258631	38.860	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	154746	40.263	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	189177	41.465	ng		96
44) 2,4,5-Trichlorophenol	9.16	196	193241	40.798	ng	#	91
46) 1,1'-Biphenyl	9.31	154	843573	40.041	ng		97
47) 2-Chloronaphthalene	9.33	162	661341	39.634	ng		99
48) 2-Nitroaniline	9.42	65	214766	44.520	ng		92
49) Acenaphthylene	9.75	152	1018402	40.375	ng		99
50) Dimethylphthalate	9.61	163	768296	40.082	ng		98
51) 2,6-Dinitrotoluene	9.66	165	158848	43.435	ng		95
52) Acenaphthene	9.92	154	627826	40.510	ng		99
53) 3-Nitroaniline	9.83	138	197285	43.046	ng	#	88
54) 2,4-Dinitrophenol	9.93	184	51534	44.266	ng	#	70
55) Dibenzofuran	10.09	168	877116	40.146	ng		98
56) 4-Nitrophenol	9.99	139	135192	43.020	ng		92
57) 2,4-Dinitrotoluene	10.07	165	204332	45.694	ng		96
58) Fluorene	10.43	166	660537	39.678	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	143929	42.104	ng		94
60) Diethylphthalate	10.31	149	775348	40.381	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	294140	40.349	ng		96
62) 4-Nitroaniline	10.44	138	190343	42.795	ng		94
63) Azobenzene	10.59	77	812711	40.593	ng		95
65) 4,6-Dinitro-2-methylphenol	10.47	198	70646	44.862	ng		75
66) n-Nitrosodiphenylamine	10.54	169	606560	40.481	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	178520	40.571	ng		97
68) Hexachlorobenzene	10.99	284	188573	40.961	ng		98
69) Atrazine	11.07	200	172308	41.059	ng		96
70) Pentachlorophenol	11.17	266	96372	43.274	ng		96
71) Phenanthrene	11.39	178	977081	40.523	ng		98
72) Anthracene	11.44	178	987557	40.687	ng		99
73) Carbazole	11.59	167	926976	40.094	ng		99
74) Di-n-butylphthalate	11.93	149	1221274	41.204	ng		99
75) Fluoranthene	12.58	202	962240	40.608	ng		98
77) Benzidine	12.69	184	403411	36.672	ng		98
78) Pyrene	12.80	202	973377	39.042	ng		98
80) Butylbenzylphthalate	13.42	149	493305	40.688	ng		99
81) Benzo(a)anthracene	13.99	228	714309	40.242	ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	239439	39.916	ng	#	97
83) Chrysene	14.03	228	737354	40.321	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	600109	40.098	ng		98
85) Di-n-octyl phthalate	14.59	149	1004837	41.028	ng		97
86) Indeno(1,2,3-cd)pyrene	16.90	276	532908	36.280	ng	#	93
88) Benzo(b)fluoranthene	15.03	252	606845	40.758	ng		98
89) Benzo(k)fluoranthene	15.06	252	558091	41.110	ng		98
90) Benzo(a)pyrene	15.39	252	526002	40.606	ng		97
91) Dibenzo(a,h)anthracene	16.92	278	430140	37.936	ng	#	95
92) Benzo(g,h,i)perylene	17.33	276	433011	37.445	ng	#	93

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

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