Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111319\
Data File : BF117782.D
Acq On : 13 Nov 2019 18:35
Operator : JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF111319

Quant Time: Nov 14 04:47:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	276430	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1072115	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	559886	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1071045	20.00	ng	0.00
76) Chrysene-d12	14.12	240	714630	20.00	ng	0.00
87) Perylene-d12	15.63	264	645390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1173678	75.16	ng	0.00
7) Phenol-d6	6.55	99	1430274	75.93	ng	0.00
23) Nitrobenzene-d5	7.49	82	1414177	78.41	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	464619	78.38	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	2600779	83.34	ng	0.00
79) Terphenyl-d14	13.06	244	2821613	72.16	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.72	88	272693	37.357	ng	99
3) Pyridine	3.49	79	737331	38.506	ng	98
4) n-Nitrosodimethylamine	3.45	42	320517	38.345	ng	99
6) Aniline	6.59	93	972721	39.079	ng	99
8) 2-Chlorophenol	6.71	128	669218	39.493	ng	98
9) Benzaldehyde	6.47	77	480647	39.228	ng	99
10) Phenol	6.56	94	762481	38.955	ng	97
11) bis(2-Chloroethyl)ether	6.66	93	608154	38.691	ng	99
12) 1,3-Dichlorobenzene	6.87	146	782092	39.203	ng	98
13) 1,4-Dichlorobenzene	6.95	146	793076	39.329	ng	98
14) 1,2-Dichlorobenzene	7.10	146	741475	38.447	ng	99
15) Benzyl Alcohol	7.06	79	576963	39.675	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	949246	39.225	ng	100
17) 2-Methylphenol	7.17	107	564501	39.338	ng	98
18) Hexachloroethane	7.45	117	292912	39.541	ng	94
19) n-Nitroso-di-n-propylamine	7.34	70	463283	39.868	ng	98
20) 3+4-Methylphenols	7.33	107	691135	38.799	ng	88
22) Acetophenone	7.34	105	930948	38.649	ng	97
24) Nitrobenzene	7.51	77	729903	39.230	ng	97
25) Isophorone	7.75	82	1261152	38.152	ng	99
26) 2-Nitrophenol	7.83	139	361873	39.960	ng	98
27) 2,4-Dimethylphenol	7.86	122	543746	38.641	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	811413	38.682	ng	100
29) 2,4-Dichlorophenol	8.07	162	589899	38.647	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	676244	38.195	ng	98
31) Naphthalene	8.24	128	1965246	39.320	ng	100
32) Benzoic acid	7.97	122	454541	38.578	ng	97
33) 4-Chloroaniline	8.28	127	868238	38.803	ng	99
34) Hexachlorobutadiene	8.36	225	401189	38.756	ng	99
35) Caprolactam	8.65	113	191309	39.436	ng	98
36) 4-Chloro-3-methylphenol	8.76	107	599002	38.668	ng	96
37) 2-Methylnaphthalene	8.93	142	1320822	39.112	ng	99
38) 1-Methylnaphthalene	9.03	142	1244397	38.977	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	635536	39.087	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	350763	38.495	ng		99
43) 2,4,6-Trichlorophenol	9.20	196	451022	38.727	ng		97
44) 2,4,5-Trichlorophenol	9.25	196	472543	39.079	ng		96
46) 1,1'-Biphenyl	9.40	154	1638299	39.441	ng		99
47) 2-Chloronaphthalene	9.42	162	1338739	39.177	ng		99
48) 2-Nitroaniline	9.52	65	407814	39.530	ng		93
49) Acenaphthylene	9.84	152	1969754	39.537	ng		99
50) Dimethylphthalate	9.70	163	1529481	38.956	ng		99
51) 2,6-Dinitrotoluene	9.76	165	342431	39.907	ng		95
52) Acenaphthene	10.02	154	1254484	39.307	ng		99
53) 3-Nitroaniline	9.93	138	407944	39.731	ng		100
54) 2,4-Dinitrophenol	10.03	184	162574	40.768	ng	#	86
55) Dibenzofuran	10.19	168	1744254	39.468	ng		99
56) 4-Nitrophenol	10.07	139	313178	40.863	ng		98
57) 2,4-Dinitrotoluene	10.16	165	449997	41.226	ng		93
58) Fluorene	10.53	166	1311338	38.290	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	394532	39.710	ng		99
60) Diethylphthalate	10.40	149	1519646	39.701	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	684135	39.363	ng		97
62) 4-Nitroaniline	10.55	138	409025	39.787	ng		97
63) Azobenzene	10.68	77	1379481	39.613	ng		98
65) 4,6-Dinitro-2-methylphenol	10.57	198	208950	41.790	ng		82
66) n-Nitrosodiphenylamine	10.64	169	1202494	38.578	ng		100
67) 4-Bromophenyl-phenylether	11.01	248	442930	38.328	ng		94
68) Hexachlorobenzene	11.08	284	519007	38.515	ng		95
69) Atrazine	11.16	200	392246	38.254	ng		99
70) Pentachlorophenol	11.27	266	315033	40.016	ng		97
71) Phenanthrene	11.50	178	2042992	37.940	ng		100
72) Anthracene	11.54	178	2025208	37.933	ng		99
73) Carbazole	11.70	167	1840206	39.443	ng		100
74) Di-n-butylphthalate	12.03	149	2226593	38.331	ng		99
75) Fluoranthene	12.69	202	2065386	41.541	ng		97
77) Benzidine	12.80	184	889920	38.017	ng		96
78) Pyrene	12.92	202	2084598	36.095	ng		99
80) Butylbenzylphthalate	13.53	149	937771	37.806	ng		92
81) Benzo(a)anthracene	14.11	228	1798854	38.092	ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	639213	38.697	ng		99
83) Chrysene	14.15	228	1729689	37.799	ng		99
84) Bis(2-ethylhexyl)phthalate	14.10	149	1194247	39.712	ng		99
85) Di-n-octyl phthalate	14.72	149	1850291	41.882	ng		100
86) Indeno(1,2,3-cd)pyrene	17.17	276	1431773	36.763	ng		100
88) Benzo(b)fluoranthene	15.18	252	1632712	38.938	ng		99
89) Benzo(k)fluoranthene	15.22	252	1513741	38.314	ng		99
90) Benzo(a)pyrene	15.56	252	1388183	37.649	ng		99
91) Dibenzo(a,h)anthracene	17.19	278	1169335	36.845	ng		97
92) Benzo(g,h,i)perylene	17.63	276	1130617	35.767	ng		99

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

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