Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110619\
Data File : BF117703.D
Acq On : 6 Nov 2019 17:22
Operator : JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF110619

Quant Time: Nov 06 17:51:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	390354	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	1480310	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	784123	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	1412274	20.00	ng		0.00
76) Chrysene-d12	14.13	240	950187	20.00	ng		0.00
87) Perylene-d12	15.63	264	899775	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1675342	77.69	ng		0.00
7) Phenol-d6	6.56	99	2067635	77.76	ng		0.00
23) Nitrobenzene-d5	7.50	82	1987203	79.26	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	593094	77.32	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	3348449	84.25	ng		0.00
79) Terphenyl-d14	13.07	244	3566859	77.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	420050	39.093	ng		99
3) Pyridine	3.52	79	1139765	38.564	ng		99
4) n-Nitrosodimethylamine	3.48	42	506407	38.881	ng		100
6) Aniline	6.60	93	1432249	38.381	ng		100
8) 2-Chlorophenol	6.72	128	944617	39.376	ng		98
9) Benzaldehyde	6.49	77	762971	41.239	ng		97
10) Phenol	6.57	94	1122975	39.194	ng		98
11) bis(2-Chloroethyl)ether	6.67	93	925900	39.134	ng		99
12) 1,3-Dichlorobenzene	6.88	146	1097549	39.469	ng		97
13) 1,4-Dichlorobenzene	6.96	146	1093215	39.273	ng		98
14) 1,2-Dichlorobenzene	7.11	146	1020200	39.805	ng		99
15) Benzyl Alcohol	7.07	79	833636	39.320	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	1452821	38.837	ng		99
17) 2-Methylphenol	7.18	107	801664	38.909	ng		99
18) Hexachloroethane	7.46	117	409186	39.768	ng		94
19) n-Nitroso-di-n-propylamine	7.35	70	676313	38.683	ng		98
20) 3+4-Methylphenols	7.33	107	972322	39.632	ng		98
22) Acetophenone	7.35	105	1307454	38.644	ng	#	96
24) Nitrobenzene	7.52	77	1032632	39.440	ng		98
25) Isophorone	7.76	82	1809852	37.740	ng		99
26) 2-Nitrophenol	7.84	139	485166	39.915	ng		94
27) 2,4-Dimethylphenol	7.87	122	779033	38.010	ng		97
28) bis(2-Chloroethoxy)methane	7.97	93	1179441	38.314	ng		100
29) 2,4-Dichlorophenol	8.07	162	808806	38.304	ng		99
30) 1,2,4-Trichlorobenzene	8.17	180	939767	38.877	ng		99
31) Naphthalene	8.25	128	2645573	39.100	ng		99
32) Benzoic acid	7.98	122	643453	39.661	ng		98
33) 4-Chloroaniline	8.29	127	1182311	37.605	ng		98
34) Hexachlorobutadiene	8.37	225	540720	39.062	ng		99
35) Caprolactam	8.67	113	264086	37.734	ng		86
36) 4-Chloro-3-methylphenol	8.76	107	811531	38.087	ng		99
37) 2-Methylnaphthalene	8.94	142	1793480	38.935	ng		100
38) 1-Methylnaphthalene	9.04	142	1703248	38.937	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	842251	39.263	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	438419	37.884	ng		99
43) 2,4,6-Trichlorophenol	9.22	196	599124	38.347	ng		99
44) 2,4,5-Trichlorophenol	9.25	196	612836	38.698	ng		96
46) 1,1'-Biphenyl	9.40	154	2168398	39.485	ng		99
47) 2-Chloronaphthalene	9.43	162	1785966	39.189	ng		98
48) 2-Nitroaniline	9.52	65	555921	38.926	ng		98
49) Acenaphthylene	9.85	152	2603494	39.227	ng		99
50) Dimethylphthalate	9.70	163	2039270	38.470	ng		100
51) 2,6-Dinitrotoluene	9.76	165	460681	38.810	ng		95
52) Acenaphthene	10.02	154	1663174	38.835	ng		99
53) 3-Nitroaniline	9.93	138	557543	38.933	ng		99
54) 2,4-Dinitrophenol	10.03	184	162816	40.010	ng	#	75
55) Dibenzofuran	10.19	168	2338678	39.025	ng		99
56) 4-Nitrophenol	10.08	139	419200	38.924	ng		91
57) 2,4-Dinitrotoluene	10.17	165	601517	39.504	ng		96
58) Fluorene	10.54	166	1696641	38.414	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.31	232	510128	38.750	ng		99
60) Diethylphthalate	10.41	149	2036773	39.070	ng		99
61) 4-Chlorophenyl-phenylether	10.53	204	896156	38.977	ng		98
62) 4-Nitroaniline	10.55	138	530192	37.616	ng		97
63) Azobenzene	10.69	77	1915644	38.797	ng		96
65) 4,6-Dinitro-2-methylphenol	10.57	198	220695	39.135	ng		95
66) n-Nitrosodiphenylamine	10.65	169	1623489	38.922	ng		100
67) 4-Bromophenyl-phenylether	11.02	248	592373	38.407	ng		96
68) Hexachlorobenzene	11.09	284	696819	39.109	ng		98
69) Atrazine	11.17	200	521768	37.960	ng		98
70) Pentachlorophenol	11.27	266	390144	39.169	ng		98
71) Phenanthrene	11.50	178	2636951	38.955	ng		99
72) Anthracene	11.56	178	2645670	39.284	ng		99
73) Carbazole	11.70	167	2385252	38.743	ng		100
74) Di-n-butylphthalate	12.04	149	2949234	39.396	ng		99
75) Fluoranthene	12.70	202	2675059	38.701	ng		97
77) Benzidine	12.81	184	1180871	35.746	ng	#	95
78) Pyrene	12.93	202	2699580	38.920	ng		100
80) Butylbenzylphthalate	13.54	149	1263942	39.450	ng		94
81) Benzo(a)anthracene	14.12	228	2311619	39.084	ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	847861	38.383	ng		99
83) Chrysene	14.16	228	2273673	38.927	ng		99
84) Bis(2-ethylhexyl)phthalate	14.10	149	1638399	39.644	ng		99
85) Di-n-octyl phthalate	14.72	149	2618802	40.268	ng		100
86) Indeno(1,2,3-cd)pyrene	17.17	276	2009156	36.958	ng		100
88) Benzo(b)fluoranthene	15.19	252	2172642	38.339	ng		98
89) Benzo(k)fluoranthene	15.22	252	2014456	39.856	ng		100
90) Benzo(a)pyrene	15.57	252	1870247	38.071	ng		99
91) Dibenzo(a,h)anthracene	17.20	278	1648069	37.406	ng		99
92) Benzo(g,h,i)perylene	17.64	276	1595455	37.366	ng		100

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

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