Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122096.D
Acq On : 23 Oct 2020 13:16
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 23 14:45:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	101305	20.00	ng		0.00
21) Naphthalene-d8	8.010	136	377196	20.00	ng		0.00
39) Acenaphthene-d10	9.763	164	192389	20.00	ng		0.00
64) Phenanthrene-d10	11.251	188	359966	20.00	ng		0.00
76) Chrysene-d12	13.892	240	269902	20.00	ng		0.00
86) Perylene-d12	15.327	264	214406	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	546233	79.58	ng		0.00
7) Phenol-d6	6.381	99	677415	76.67	ng		0.00
23) Nitrobenzene-d5	7.298	82	582515	79.20	ng		0.00
42) 2,4,6-Tribromophenol	10.557	330	192031	80.69	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	992839	75.93	ng		0.00
79) Terphenyl-d14	12.833	244	1148571	81.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.387	88	112861	37.39	ng		99
3) Pyridine	3.110	79	316093	39.82	ng		99
4) n-Nitrosodimethylamine	3.069	42	152436	39.73	ng		94
6) Aniline	6.392	93	413607	38.01	ng	#	42
8) 2-Chlorophenol	6.516	128	271318	39.11	ng		99
9) Benzaldehyde	6.281	77	195773	40.40	ng		100
10) Phenol	6.392	94	348853	38.26	ng	#	75
11) bis(2-Chloroethyl)ether	6.469	93	271602	38.53	ng		98
12) 1,3-Dichlorobenzene	6.663	146	301820	38.68	ng		100
13) 1,4-Dichlorobenzene	6.745	146	307189	39.21	ng		98
14) 1,2-Dichlorobenzene	6.898	146	277862	38.80	ng		99
15) Benzyl Alcohol	6.881	79	232603	40.70	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.004	45	410715	37.86	ng	#	45
17) 2-Methylphenol	6.998	107	221466	37.34	ng	#	90
18) Hexachloroethane	7.234	117	111675	39.46	ng		94
19) n-Nitroso-di-n-propyla...	7.151	70	198561	39.47	ng		98
20) 3+4-Methylphenols	7.157	107	289065	40.41	ng	#	66
22) Acetophenone	7.145	105	384246	39.59	ng	#	90
24) Nitrobenzene	7.316	77	308196	39.20	ng		98
25) Isophorone	7.557	82	544210	39.13	ng		100
26) 2-Nitrophenol	7.633	139	145153	40.09	ng		93
27) 2,4-Dimethylphenol	7.681	122	237148	38.43	ng		98
28) bis(2-Chloroethoxy)met...	7.763	93	337245	38.76	ng		99
29) 2,4-Dichlorophenol	7.881	162	228660	39.57	ng		99
30) 1,2,4-Trichlorobenzene	7.957	180	239480	38.97	ng		99
31) Naphthalene	8.033	128	775827	38.40	ng		99
32) Benzoic acid	7.839	122	126257	37.75	ng		98
33) 4-Chloroaniline	8.092	127	341051	39.62	ng		98
34) Hexachlorobutadiene	8.145	225	144914	39.77	ng		100
35) Caprolactam	8.475	113	73234	39.90	ng		97
36) 4-Chloro-3-methylphenol	8.586	107	249974	40.27	ng		98
37) 2-Methylnaphthalene	8.722	142	504850	38.58	ng		97
38) 1-Methylnaphthalene	8.822	142	466683	38.51	ng		99
40) 1,2,4,5-Tetrachloroben...	8.892	216	243179	39.16	ng		99
41) Hexachlorocyclopentadiene	8.869	237	44623	37.17	ng		97
43) 2,4,6-Trichlorophenol	9.010	196	152307	39.75	ng		98

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44) 2,4,5-Trichlorophenol	9.063	196	159181	38.47	ng		99
46) 1,1'-Biphenyl	9.186	154	609088	38.94	ng		100
47) 2-Chloronaphthalene	9.216	162	478362	39.32	ng		98
48) 2-Nitroaniline	9.322	65	163226	40.68	ng		98
49) Acenaphthylene	9.627	152	711629	38.09	ng		100
50) Dimethylphthalate	9.492	163	552671	39.29	ng		99
51) 2,6-Dinitrotoluene	9.563	165	122864	39.81	ng		94
52) Acenaphthene	9.798	154	433036	38.96	ng		99
53) 3-Nitroaniline	9.733	138	138108	39.35	ng		95
54) 2,4-Dinitrophenol	9.857	184	48809	36.32	ng	#	85
55) Dibenzofuran	9.969	168	622875	38.32	ng		97
56) 4-Nitrophenol	9.922	139	82417	43.17	ng		89
57) 2,4-Dinitrotoluene	9.975	165	153952	40.52	ng		93
58) Fluorene	10.316	166	523049	39.94	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	132444	41.37	ng		98
60) Diethylphthalate	10.186	149	547616	40.37	ng		99
61) 4-Chlorophenyl-phenyle...	10.304	204	247620	39.43	ng		98
62) 4-Nitroaniline	10.351	138	129899	37.05	ng		94
63) Azobenzene	10.463	77	575931	40.15	ng		99
65) 4,6-Dinitro-2-methylph...	10.386	198	88833	37.86	ng		91
66) n-Nitrosodiphenylamine	10.427	169	478201	38.57	ng		98
67) 4-Bromophenyl-phenylether	10.792	248	163626	39.35	ng		99
68) Hexachlorobenzene	10.863	284	185624	39.43	ng		99
69) Atrazine	10.957	200	120071	39.60	ng		98
70) Pentachlorophenol	11.069	266	53132	33.80	ng		98
71) Phenanthrene	11.274	178	759270	38.47	ng		100
72) Anthracene	11.327	178	799402	39.05	ng		99
73) Carbazole	11.486	167	713096	39.18	ng		99
74) Di-n-butylphthalate	11.810	149	838782	40.05	ng		99
75) Fluoranthene	12.463	202	820729	38.78	ng		99
77) Benzidine	12.586	184	288494	34.67	ng		99
78) Pyrene	12.692	202	828017	40.26	ng		100
80) Butylbenzylphthalate	13.304	149	343861	42.16	ng		99
81) Benzo(a)anthracene	13.886	228	702701	39.73	ng		99
82) 3,3'-Dichlorobenzidine	13.845	252	256484	39.09	ng		98
83) Chrysene	13.921	228	681235	39.23	ng		100
84) Bis(2-ethylhexyl)phtha...	13.863	149	465743	42.06	ng		99
85) Di-n-octyl phthalate	14.474	149	741912	41.42	ng		100
87) Indeno(1,2,3-cd)pyrene	16.745	276	564551	40.55	ng		98
88) Benzo(b)fluoranthene	14.921	252	633002	43.68	ng		98
89) Benzo(k)fluoranthene	14.945	252	560463	40.71	ng		99
90) Benzo(a)pyrene	15.268	252	521061	41.63	ng		98
91) Dibenzo(a,h)anthracene	16.745	278	463329	40.42	ng		99
92) Benzo(g,h,i)perylene	17.168	276	469289	40.91	ng		97

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

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