Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123711.D
Acq On : 24 Apr 2021 11:04
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 26 06:06:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 05:40:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	248502	20.00	ng		0.00
21) Naphthalene-d8	8.110	136	884328	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	422104	20.00	ng		0.00
64) Phenanthrene-d10	11.351	188	807082	20.00	ng		0.00
76) Chrysene-d12	13.992	240	630018	20.00	ng		0.00
86) Perylene-d12	15.451	264	483265	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	1225800	79.73	ng		0.00
7) Phenol-d6	6.463	99	1676022	78.67	ng		0.00
23) Nitrobenzene-d5	7.386	82	1550262	80.59	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	420710	88.02	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	2257699	79.73	ng		0.00
79) Terphenyl-d14	12.939	244	2460826	75.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	338427	42.13	ng		95
3) Pyridine	3.281	79	826165	42.06	ng		90
4) n-Nitrosodimethylamine	3.228	42	455885	39.17	ng		99
6) Aniline	6.486	93	959658	38.27	ng		100
8) 2-Chlorophenol	6.610	128	657181	39.79	ng		98
9) Benzaldehyde	6.369	77	452151	32.50	ng		98
10) Phenol	6.475	94	892837	39.46	ng		88
11) bis(2-Chloroethyl)ether	6.557	93	644415	38.30	ng		99
12) 1,3-Dichlorobenzene	6.763	146	666950	39.28	ng		98
13) 1,4-Dichlorobenzene	6.839	146	672707	39.05	ng		98
14) 1,2-Dichlorobenzene	6.998	146	624972	38.60	ng		100
15) Benzyl Alcohol	6.963	79	669883	39.85	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1385659	36.49	ng		99
17) 2-Methylphenol	7.081	107	559182	39.41	ng		98
18) Hexachloroethane	7.339	117	266163	38.75	ng		97
19) n-Nitroso-di-n-propyla...	7.239	70	503969	35.71	ng		98
20) 3+4-Methylphenols	7.233	107	669170	36.96	ng	#	81
22) Acetophenone	7.233	105	932900	38.04	ng		94
24) Nitrobenzene	7.410	77	807860	39.89	ng		99
25) Isophorone	7.645	82	1436018	38.48	ng		99
26) 2-Nitrophenol	7.722	139	334779	48.37	ng		99
27) 2,4-Dimethylphenol	7.763	122	521609	40.84	ng		97
28) bis(2-Chloroethoxy)met...	7.857	93	731014	39.03	ng		98
29) 2,4-Dichlorophenol	7.969	162	506634	40.74	ng		98
30) 1,2,4-Trichlorobenzene	8.051	180	529022	39.59	ng		97
31) Naphthalene	8.133	128	1792851	39.36	ng		99
32) Benzoic acid	7.886	122	365529	43.48	ng		93
33) 4-Chloroaniline	8.180	127	742435	39.69	ng		96
34) Hexachlorobutadiene	8.251	225	325929	38.87	ng		99
35) Caprolactam	8.545	113	177800	40.95	ng		99
36) 4-Chloro-3-methylphenol	8.663	107	637049	39.50	ng		95
37) 2-Methylnaphthalene	8.822	142	1143780	38.29	ng		100
38) 1-Methylnaphthalene	8.922	142	1082219	38.29	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	498798	42.82	ng		98
41) Hexachlorocyclopentadiene	8.975	237	208701	34.47	ng		96
43) 2,4,6-Trichlorophenol	9.098	196	352445	44.58	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	372582	43.11	ng		98
46) 1,1'-Biphenyl	9.286	154	1377000	41.68	ng		100
47) 2-Chloronaphthalene	9.310	162	1048378	42.17	ng		99
48) 2-Nitroaniline	9.404	65	467368	45.12	ng		97
49) Acenaphthylene	9.727	152	1711994	42.10	ng		100
50) Dimethylphthalate	9.586	163	1169487	40.10	ng		100
51) 2,6-Dinitrotoluene	9.645	165	276223	43.15	ng		98
52) Acenaphthene	9.898	154	1117541	42.83	ng		99
53) 3-Nitroaniline	9.816	138	330002	44.44	ng		99
54) 2,4-Dinitrophenol	9.922	184	156576	55.69	ng		92
55) Dibenzofuran	10.069	168	1536365	41.05	ng		100
56) 4-Nitrophenol	9.980	139	258739	45.47	ng		96
57) 2,4-Dinitrotoluene	10.051	165	375727	43.95	ng		95
58) Fluorene	10.410	166	1177013	40.01	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	288127	41.87	ng		100
60) Diethylphthalate	10.286	149	1220054	38.22	ng		98
61) 4-Chlorophenyl-phenyle...	10.404	204	542391	39.94	ng		97
62) 4-Nitroaniline	10.427	138	332121	44.29	ng		94
63) Azobenzene	10.563	77	1412566	39.06	ng		98
65) 4,6-Dinitro-2-methylph...	10.457	198	221247	52.54	ng		95
66) n-Nitrosodiphenylamine	10.522	169	1031866	39.94	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	332800	39.44	ng		94
68) Hexachlorobenzene	10.963	284	389820	40.99	ng	#	92
69) Atrazine	11.051	200	310807	38.60	ng		99
70) Pentachlorophenol	11.157	266	210073	42.28	ng		99
71) Phenanthrene	11.374	178	1675109	39.77	ng		100
72) Anthracene	11.427	178	1667949	39.62	ng		99
73) Carbazole	11.580	167	1714381	40.80	ng		99
74) Di-n-butylphthalate	11.910	149	1827575	35.94	ng		99
75) Fluoranthene	12.563	202	1848500	39.93	ng		99
77) Benzidine	12.680	184	778268	45.44	ng		99
78) Pyrene	12.792	202	1882440	40.94	ng		100
80) Butylbenzylphthalate	13.410	149	805769	37.30	ng		99
81) Benzo(a)anthracene	13.980	228	1469403	38.06	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	485029	39.33	ng		99
83) Chrysene	14.021	228	1502615	38.76	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	959063	33.38	ng		100
85) Di-n-octyl phthalate	14.586	149	1557439	33.68	ng		98
87) Indeno(1,2,3-cd)pyrene	16.909	276	1196888	46.42	ng		99
88) Benzo(b)fluoranthene	15.027	252	1318902	38.65	ng		99
89) Benzo(k)fluoranthene	15.057	252	1152987	37.46	ng		99
90) Benzo(a)pyrene	15.392	252	1111926	40.97	ng		97
91) Dibenzo(a,h)anthracene	16.927	278	993508	45.56	ng		99
92) Benzo(g,h,i)perylene	17.345	276	1020907	47.85	ng		97

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

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