Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012721\
Data File : BF123042.D
Acq On : 27 Jan 2021 13:35
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Jan 27 15:59:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 15:49:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	250806	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	952726	20.00	ng		# 0.00
39) Acenaphthene-d10	9.939	164	508359	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	886331	20.00	ng		0.00
76) Chrysene-d12	14.086	240	725589	20.00	ng		0.00
86) Perylene-d12	15.568	264	690563	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	1307575	80.42	ng		0.00
7) Phenol-d6	6.516	99	1778381	80.69	ng		0.00
23) Nitrobenzene-d5	7.463	82	1544759	81.60	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	452290	81.96	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	2676433	76.85	ng		0.00
79) Terphenyl-d14	13.027	244	3045104	78.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	322188	39.83	ng		94
3) Pyridine	3.422	79	882436	40.79	ng		94
4) n-Nitrosodimethylamine	3.381	42	376148	41.32	ng		94
6) Aniline	6.557	93	1113135	41.04	ng		99
8) 2-Chlorophenol	6.681	128	719616	40.83	ng		99
9) Benzaldehyde	6.445	77	411183	40.64	ng		99
10) Phenol	6.534	94	906535	40.45	ng		85
11) bis(2-Chloroethyl)ether	6.628	93	744819	40.95	ng		96
12) 1,3-Dichlorobenzene	6.840	146	833643	40.56	ng		99
13) 1,4-Dichlorobenzene	6.916	146	832633	40.19	ng		99
14) 1,2-Dichlorobenzene	7.069	146	777498	40.36	ng		99
15) Benzyl Alcohol	7.034	79	648682	41.98	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1147037	40.90	ng		96
17) 2-Methylphenol	7.140	107	619301	41.30	ng		98
18) Hexachloroethane	7.410	117	306696	40.91	ng		92
19) n-Nitroso-di-n-propyla...	7.310	70	542498	40.93	ng		95
20) 3+4-Methylphenols	7.298	107	751961	40.61	ng	#	87
22) Acetophenone	7.304	105	989081	39.84	ng	#	97
24) Nitrobenzene	7.481	77	798481	40.94	ng		98
25) Isophorone	7.716	82	1400925	40.40	ng		99
26) 2-Nitrophenol	7.792	139	356271	44.17	ng		99
27) 2,4-Dimethylphenol	7.828	122	590418	41.17	ng		98
28) bis(2-Chloroethoxy)met...	7.928	93	951513	40.22	ng		99
29) 2,4-Dichlorophenol	8.034	162	622405	40.90	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	686780	40.06	ng		99
31) Naphthalene	8.204	128	2073462	39.68	ng		98
32) Benzoic acid	7.945	122	462707	45.81	ng		98
33) 4-Chloroaniline	8.245	127	925656	39.91	ng		97
34) Hexachlorobutadiene	8.322	225	401926	40.58	ng		100
35) Caprolactam	8.622	113	211084	41.04	ng		86
36) 4-Chloro-3-methylphenol	8.728	107	651622	41.18	ng		99
37) 2-Methylnaphthalene	8.892	142	1382581	39.85	ng		98
38) 1-Methylnaphthalene	8.998	142	1314899	40.03	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	630942	39.90	ng		99
41) Hexachlorocyclopentadiene	9.051	237	320408	42.68	ng		96
43) 2,4,6-Trichlorophenol	9.169	196	452023	41.69	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	465970	41.10	ng		97
46) 1,1'-Biphenyl	9.363	154	1666604	39.97	ng		99
47) 2-Chloronaphthalene	9.386	162	1394916	39.96	ng		99
48) 2-Nitroaniline	9.475	65	449766	42.51	ng		84
49) Acenaphthylene	9.804	152	2035795	39.85	ng		99
50) Dimethylphthalate	9.663	163	1575509	39.50	ng		99
51) 2,6-Dinitrotoluene	9.722	165	357778	42.11	ng		96
52) Acenaphthene	9.975	154	1314122	40.05	ng		99
53) 3-Nitroaniline	9.892	138	416580	41.47	ng		95
54) 2,4-Dinitrophenol	9.992	184	138584	46.87	ng		95
55) Dibenzofuran	10.151	168	1835044	39.74	ng		97
56) 4-Nitrophenol	10.039	139	305743	42.10	ng		90
57) 2,4-Dinitrotoluene	10.122	165	469344	42.48	ng		95
58) Fluorene	10.492	166	1376104	38.82	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	393311	40.91	ng		94
60) Diethylphthalate	10.363	149	1563227	39.86	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	682905	39.36	ng		98
62) 4-Nitroaniline	10.504	138	416803	41.29	ng		98
63) Azobenzene	10.645	77	1538713	40.09	ng		98
65) 4,6-Dinitro-2-methylph...	10.533	198	192259	46.07	ng		92
66) n-Nitrosodiphenylamine	10.604	169	1292586	40.46	ng		98
67) 4-Bromophenyl-phenylether	10.975	248	462767	41.00	ng		98
68) Hexachlorobenzene	11.045	284	495790	40.95	ng		97
69) Atrazine	11.127	200	353453	40.06	ng		99
70) Pentachlorophenol	11.233	266	282041	42.98	ng		99
71) Phenanthrene	11.457	178	2110264	39.55	ng		99
72) Anthracene	11.510	178	2096588	39.70	ng		99
73) Carbazole	11.663	167	1963377	40.06	ng		99
74) Di-n-butylphthalate	11.998	149	2344390	40.34	ng		100
75) Fluoranthene	12.651	202	2159624	39.25	ng		98
77) Benzidine	12.769	184	806523	49.12	ng		99
78) Pyrene	12.880	202	2227099	40.66	ng		99
80) Butylbenzylphthalate	13.504	149	1005719	42.67	ng		95
81) Benzo(a)anthracene	14.074	228	1977368	40.27	ng		100
82) 3,3'-Dichlorobenzidine	14.033	252	664509	43.00	ng	#	97
83) Chrysene	14.110	228	1962752	39.93	ng		98
84) Bis(2-ethylhexyl)phtha...	14.063	149	1304346	41.65	ng		100
85) Di-n-octyl phthalate	14.680	149	2282597	43.40	ng		97
87) Indeno(1,2,3-cd)pyrene	17.074	276	1927710	41.92	ng	#	95
88) Benzo(b)fluoranthene	15.133	252	2068252	41.49	ng		98
89) Benzo(k)fluoranthene	15.168	252	1832551	39.57	ng		100
90) Benzo(a)pyrene	15.510	252	1828315	41.77	ng		99
91) Dibenzo(a,h)anthracene	17.098	278	1590747	42.03	ng		98
92) Benzo(g,h,i)perylene	17.527	276	1516131	41.33	ng		96

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

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