Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
Data File : BF123616.D
Acq On : 19 Apr 2021 11:06
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 19 13:05:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 10:31:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	280570	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	1011271	20.00	ng		0.00
39) Acenaphthene-d10	9.916	164	508961	20.00	ng		0.00
64) Phenanthrene-d10	11.404	188	969698	20.00	ng		0.00
76) Chrysene-d12	14.051	240	663499	20.00	ng		0.00
86) Perylene-d12	15.527	264	479910	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1300973	74.94	ng		0.00
7) Phenol-d6	6.504	99	1783085	74.13	ng		0.00
23) Nitrobenzene-d5	7.433	82	1752268	79.66	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	502756	87.23	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2677381	78.42	ng		0.00
79) Terphenyl-d14	12.992	244	2907797	85.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	348056	38.38	ng		96
3) Pyridine	3.369	79	872853	39.36	ng		95
4) n-Nitrosodimethylamine	3.316	42	506843	38.57	ng		97
6) Aniline	6.528	93	1031524	36.43	ng	#	90
8) 2-Chlorophenol	6.657	128	714579	38.32	ng		99
9) Benzaldehyde	6.416	77	535926	34.12	ng		99
10) Phenol	6.516	94	976545	38.23	ng		86
11) bis(2-Chloroethyl)ether	6.604	93	731267	38.50	ng		98
12) 1,3-Dichlorobenzene	6.810	146	731879	38.18	ng		97
13) 1,4-Dichlorobenzene	6.886	146	734501	37.76	ng		97
14) 1,2-Dichlorobenzene	7.039	146	692232	37.87	ng		97
15) Benzyl Alcohol	7.010	79	723878	38.14	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1629804	38.01	ng		96
17) 2-Methylphenol	7.128	107	620726	38.74	ng		97
18) Hexachloroethane	7.380	117	306070	39.46	ng		95
19) n-Nitroso-di-n-propyla...	7.281	70	585222	36.73	ng		97
20) 3+4-Methylphenols	7.281	107	743330	36.36	ng	#	80
22) Acetophenone	7.275	105	1059518	37.78	ng	#	90
24) Nitrobenzene	7.451	77	926673	40.01	ng		96
25) Isophorone	7.692	82	1667181	39.06	ng		99
26) 2-Nitrophenol	7.769	139	382160	48.28	ng		92
27) 2,4-Dimethylphenol	7.804	122	595032	40.74	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	843403	39.38	ng		100
29) 2,4-Dichlorophenol	8.016	162	577322	40.59	ng		96
30) 1,2,4-Trichlorobenzene	8.092	180	598615	39.17	ng		99
31) Naphthalene	8.175	128	2028239	38.94	ng		99
32) Benzoic acid	7.928	122	435151	45.08	ng		91
33) 4-Chloroaniline	8.222	127	840667	39.30	ng		98
34) Hexachlorobutadiene	8.292	225	384202	40.07	ng		99
35) Caprolactam	8.598	113	196245	39.53	ng		97
36) 4-Chloro-3-methylphenol	8.710	107	738797	40.05	ng		96
37) 2-Methylnaphthalene	8.869	142	1344279	39.35	ng		100
38) 1-Methylnaphthalene	8.969	142	1259165	38.96	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	580765	41.34	ng		99
41) Hexachlorocyclopentadiene	9.022	237	313251	42.91	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	412430	43.27	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	450420	43.22	ng		96
46) 1,1'-Biphenyl	9.333	154	1592670	39.98	ng		99
47) 2-Chloronaphthalene	9.357	162	1197547	39.95	ng		99
48) 2-Nitroaniline	9.451	65	531009	42.52	ng		94
49) Acenaphthylene	9.774	152	1965615	40.09	ng		98
50) Dimethylphthalate	9.633	163	1396904	39.73	ng		100
51) 2,6-Dinitrotoluene	9.692	165	327931	42.48	ng		96
52) Acenaphthene	9.945	154	1287440	40.92	ng		97
53) 3-Nitroaniline	9.863	138	371615	41.50	ng		94
54) 2,4-Dinitrophenol	9.969	184	179887	53.06	ng		93
55) Dibenzofuran	10.121	168	1786285	39.58	ng		99
56) 4-Nitrophenol	10.033	139	296205	43.17	ng		98
57) 2,4-Dinitrotoluene	10.098	165	436698	42.36	ng		89
58) Fluorene	10.463	166	1381990	38.96	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	361316	43.54	ng		98
60) Diethylphthalate	10.333	149	1559935	40.52	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	654668	39.98	ng		96
62) 4-Nitroaniline	10.480	138	365741	40.45	ng		97
63) Azobenzene	10.616	77	1753181	40.21	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	243503	48.13	ng		85
66) n-Nitrosodiphenylamine	10.574	169	1259135	40.56	ng		98
67) 4-Bromophenyl-phenylether	10.945	248	416194	41.05	ng		100
68) Hexachlorobenzene	11.016	284	464541	40.66	ng		93
69) Atrazine	11.098	200	391465	40.46	ng		98
70) Pentachlorophenol	11.204	266	266852	44.70	ng		97
71) Phenanthrene	11.427	178	1966067	38.85	ng		99
72) Anthracene	11.480	178	1970352	38.96	ng		100
73) Carbazole	11.633	167	1941150	38.45	ng		98
74) Di-n-butylphthalate	11.963	149	2446283	40.04	ng		99
75) Fluoranthene	12.615	202	2088092	37.54	ng		99
77) Benzidine	12.733	184	896855	49.72	ng		98
78) Pyrene	12.845	202	2124127	43.87	ng		99
80) Butylbenzylphthalate	13.468	149	997697	43.85	ng		91
81) Benzo(a)anthracene	14.039	228	1571529	38.65	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	524763	40.40	ng	#	99
83) Chrysene	14.074	228	1543239	37.80	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1256377	41.52	ng		98
85) Di-n-octyl phthalate	14.645	149	1926234	39.56	ng		99
87) Indeno(1,2,3-cd)pyrene	17.021	276	1156748	45.18	ng		98
88) Benzo(b)fluoranthene	15.098	252	1241427	36.64	ng		99
89) Benzo(k)fluoranthene	15.127	252	1214390	39.83	ng		99
90) Benzo(a)pyrene	15.468	252	1074201	39.86	ng		99
91) Dibenzo(a,h)anthracene	17.039	278	997751	46.07	ng		97
92) Benzo(g,h,i)perylene	17.474	276	998892	47.30	ng		99

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

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