Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
Data File : BF123638.D
Acq On : 20 Apr 2021 12:07
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 20 15:50:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 15:49:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	278292	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	1045023	20.00	ng		# 0.00
39) Acenaphthene-d10	9.898	164	496806	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	952590	20.00	ng		0.00
76) Chrysene-d12	14.033	240	677319	20.00	ng		0.00
86) Perylene-d12	15.504	264	499926	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1372143	79.69	ng		0.00
7) Phenol-d6	6.492	99	1890327	79.23	ng		0.00
23) Nitrobenzene-d5	7.416	82	1798932	79.14	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	486654	86.50	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	2616667	78.52	ng		0.00
79) Terphenyl-d14	12.974	244	2762046	79.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	380930	42.35	ng		95
3) Pyridine	3.346	79	951761	43.27	ng		92
4) n-Nitrosodimethylamine	3.299	42	530733	40.72	ng		99
6) Aniline	6.516	93	1099919	39.16	ng		100
8) 2-Chlorophenol	6.640	128	755507	40.85	ng		98
9) Benzaldehyde	6.398	77	549202	35.26	ng		98
10) Phenol	6.504	94	1034223	40.82	ng		88
11) bis(2-Chloroethyl)ether	6.587	93	753492	39.99	ng		99
12) 1,3-Dichlorobenzene	6.792	146	746012	39.24	ng		98
13) 1,4-Dichlorobenzene	6.869	146	764980	39.65	ng		97
14) 1,2-Dichlorobenzene	7.028	146	703891	38.82	ng		99
15) Benzyl Alcohol	6.992	79	780487	41.46	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.128	45	1607576	37.80	ng		98
17) 2-Methylphenol	7.110	107	642787	40.45	ng		98
18) Hexachloroethane	7.369	117	308644	40.12	ng		98
19) n-Nitroso-di-n-propyla...	7.269	70	586795	37.13	ng		100
20) 3+4-Methylphenols	7.263	107	772569	38.10	ng	#	80
22) Acetophenone	7.263	105	1089605	37.59	ng		91
24) Nitrobenzene	7.439	77	954726	39.89	ng		99
25) Isophorone	7.675	82	1662728	37.70	ng		99
26) 2-Nitrophenol	7.751	139	391141	47.82	ng		98
27) 2,4-Dimethylphenol	7.792	122	610754	40.47	ng		97
28) bis(2-Chloroethoxy)met...	7.886	93	853163	38.55	ng		99
29) 2,4-Dichlorophenol	7.998	162	594089	40.42	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	613392	38.84	ng		99
31) Naphthalene	8.163	128	2086618	38.76	ng		100
32) Benzoic acid	7.916	122	385209	39.27	ng		91
33) 4-Chloroaniline	8.210	127	870074	39.36	ng		94
34) Hexachlorobutadiene	8.281	225	371662	37.51	ng		99
35) Caprolactam	8.581	113	216372	42.17	ng	#	90
36) 4-Chloro-3-methylphenol	8.692	107	746106	39.14	ng		97
37) 2-Methylnaphthalene	8.851	142	1343563	38.06	ng		98
38) 1-Methylnaphthalene	8.951	142	1265535	37.89	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	569850	41.56	ng		99
41) Hexachlorocyclopentadiene	9.010	237	288812	40.53	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	425882	45.77	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	450454	44.28	ng		97
46) 1,1'-Biphenyl	9.316	154	1570406	40.39	ng		98
47) 2-Chloronaphthalene	9.345	162	1215494	41.54	ng		98
48) 2-Nitroaniline	9.433	65	555041	45.53	ng		91
49) Acenaphthylene	9.757	152	1965536	41.07	ng		99
50) Dimethylphthalate	9.622	163	1356850	39.53	ng		99
51) 2,6-Dinitrotoluene	9.681	165	324132	43.02	ng		91
52) Acenaphthene	9.933	154	1289258	41.98	ng		99
53) 3-Nitroaniline	9.851	138	388877	44.49	ng		95
54) 2,4-Dinitrophenol	9.951	184	185248	55.98	ng		96
55) Dibenzofuran	10.104	168	1774113	40.27	ng		99
56) 4-Nitrophenol	10.016	139	306865	45.82	ng		98
57) 2,4-Dinitrotoluene	10.080	165	443291	44.05	ng		90
58) Fluorene	10.445	166	1350332	39.00	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	348165	42.98	ng		98
60) Diethylphthalate	10.322	149	1458575	38.82	ng		98
61) 4-Chlorophenyl-phenyle...	10.439	204	618119	38.67	ng		97
62) 4-Nitroaniline	10.463	138	387943	43.95	ng		96
63) Azobenzene	10.598	77	1655762	38.90	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	248539	50.00	ng		94
66) n-Nitrosodiphenylamine	10.557	169	1227057	40.24	ng		99
67) 4-Bromophenyl-phenylether	10.927	248	388244	38.99	ng		95
68) Hexachlorobenzene	10.998	284	439047	39.12	ng		95
69) Atrazine	11.086	200	362020	38.09	ng		99
70) Pentachlorophenol	11.192	266	255222	43.52	ng		97
71) Phenanthrene	11.410	178	1951772	39.26	ng		100
72) Anthracene	11.463	178	1938829	39.02	ng		100
73) Carbazole	11.616	167	1962137	39.56	ng		99
74) Di-n-butylphthalate	11.945	149	2179628	36.31	ng		99
75) Fluoranthene	12.604	202	2106850	38.56	ng		98
77) Benzidine	12.721	184	801921	43.55	ng		99
78) Pyrene	12.833	202	2133852	43.17	ng		99
80) Butylbenzylphthalate	13.451	149	953881	41.07	ng		97
81) Benzo(a)anthracene	14.021	228	1601921	38.59	ng		98
82) 3,3'-Dichlorobenzidine	13.986	252	552386	41.66	ng		99
83) Chrysene	14.063	228	1623811	38.96	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	1147780	37.16	ng		99
85) Di-n-octyl phthalate	14.627	149	1832142	36.86	ng		98
87) Indeno(1,2,3-cd)pyrene	16.986	276	1130584	42.39	ng		97
88) Benzo(b)fluoranthene	15.074	252	1364580	38.66	ng	#	97
89) Benzo(k)fluoranthene	15.110	252	1243491	39.13	ng		98
90) Benzo(a)pyrene	15.445	252	1141324	40.65	ng		98
91) Dibenzo(a,h)anthracene	17.004	278	974598	43.20	ng		96
92) Benzo(g,h,i)perylene	17.439	276	989095	45.45	ng		99

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

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