Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042921\
Data File : BF123763.D
Acq On : 29 Apr 2021 14:40
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Apr 29 15:08:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 29 11:58:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	241823	20.00	ng		0.00
21) Naphthalene-d8	8.098	136	870697	20.00	ng		0.00
39) Acenaphthene-d10	9.851	164	427847	20.00	ng		0.00
64) Phenanthrene-d10	11.339	188	812009	20.00	ng		0.00
76) Chrysene-d12	13.980	240	576899	20.00	ng		0.00
86) Perylene-d12	15.433	264	423661	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1198546	78.52	ng		0.00
7) Phenol-d6	6.445	99	1628529	77.45	ng		0.00
23) Nitrobenzene-d5	7.375	82	1533181	79.49	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	432958	81.29	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	2299659	78.28	ng		0.00
79) Terphenyl-d14	12.927	244	2420555	80.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.504	88	323990	39.40	ng		97
3) Pyridine	3.234	79	797405	39.68	ng		93
4) n-Nitrosodimethylamine	3.187	42	447412	40.42	ng		100
6) Aniline	6.469	93	944956	38.86	ng		92
8) 2-Chlorophenol	6.598	128	640682	39.02	ng		98
9) Benzaldehyde	6.357	77	395927	38.90	ng		100
10) Phenol	6.457	94	870323	38.53	ng		93
11) bis(2-Chloroethyl)ether	6.545	93	633965	38.44	ng		99
12) 1,3-Dichlorobenzene	6.751	146	644087	38.82	ng		97
13) 1,4-Dichlorobenzene	6.828	146	650438	38.75	ng		98
14) 1,2-Dichlorobenzene	6.981	146	611446	37.51	ng		98
15) Benzyl Alcohol	6.951	79	652895	39.61	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.086	45	1397752	39.85	ng		99
17) 2-Methylphenol	7.069	107	553333	39.55	ng		99
18) Hexachloroethane	7.322	117	269213	40.52	ng		96
19) n-Nitroso-di-n-propyla...	7.228	70	513125	39.52	ng		98
20) 3+4-Methylphenols	7.222	107	653052	36.68	ng	#	85
22) Acetophenone	7.222	105	929575	39.28	ng	#	91
24) Nitrobenzene	7.392	77	804402	40.04	ng		97
25) Isophorone	7.633	82	1443817	39.92	ng		99
26) 2-Nitrophenol	7.710	139	338132	41.24	ng		99
27) 2,4-Dimethylphenol	7.751	122	516710	40.12	ng		98
28) bis(2-Chloroethoxy)met...	7.845	93	740084	40.16	ng		99
29) 2,4-Dichlorophenol	7.957	162	506611	39.91	ng		95
30) 1,2,4-Trichlorobenzene	8.039	180	530918	39.91	ng		96
31) Naphthalene	8.116	128	1764362	39.35	ng		100
32) Benzoic acid	7.875	122	289955	35.77	ng		97
33) 4-Chloroaniline	8.169	127	756239	40.42	ng		96
34) Hexachlorobutadiene	8.239	225	322295	39.75	ng		99
35) Caprolactam	8.539	113	171051	38.38	ng		95
36) 4-Chloro-3-methylphenol	8.651	107	630149	39.79	ng		94
37) 2-Methylnaphthalene	8.810	142	1154788	39.52	ng		98
38) 1-Methylnaphthalene	8.910	142	1084778	39.50	ng		99
40) 1,2,4,5-Tetrachloroben...	8.975	216	501613	39.84	ng		98
41) Hexachlorocyclopentadiene	8.963	237	214705	42.99	ng		97
43) 2,4,6-Trichlorophenol	9.086	196	347742	40.10	ng		95

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44) 2,4,5-Trichlorophenol	9.128	196	370328	39.80	ng		98
46) 1,1'-Biphenyl	9.275	154	1357144	38.72	ng		99
47) 2-Chloronaphthalene	9.298	162	1031599	39.03	ng		98
48) 2-Nitroaniline	9.392	65	459943	39.51	ng		95
49) Acenaphthylene	9.716	152	1697647	39.80	ng		100
50) Dimethylphthalate	9.575	163	1184156	39.30	ng		100
51) 2,6-Dinitrotoluene	9.633	165	287702	41.30	ng		98
52) Acenaphthene	9.886	154	1029406	39.61	ng		99
53) 3-Nitroaniline	9.804	138	324253	38.97	ng		95
54) 2,4-Dinitrophenol	9.910	184	139679	37.75	ng		94
55) Dibenzofuran	10.057	168	1547915	39.38	ng		100
56) 4-Nitrophenol	9.969	139	239958	39.59	ng		96
57) 2,4-Dinitrotoluene	10.039	165	374057	39.38	ng		90
58) Fluorene	10.398	166	1185920	39.26	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.175	232	297102	40.32	ng		97
60) Diethylphthalate	10.275	149	1275866	39.78	ng		100
61) 4-Chlorophenyl-phenyle...	10.392	204	556729	39.54	ng		96
62) 4-Nitroaniline	10.422	138	315482	38.26	ng		96
63) Azobenzene	10.551	77	1454594	39.45	ng		97
65) 4,6-Dinitro-2-methylph...	10.451	198	210149	41.77	ng	#	75
66) n-Nitrosodiphenylamine	10.510	169	1063657	40.04	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	350808	41.03	ng		93
68) Hexachlorobenzene	10.951	284	396369	40.72	ng		95
69) Atrazine	11.039	200	314402	39.15	ng		98
70) Pentachlorophenol	11.145	266	194723	39.25	ng		98
71) Phenanthrene	11.363	178	1667503	39.15	ng		100
72) Anthracene	11.416	178	1681876	39.72	ng		99
73) Carbazole	11.569	167	1672005	39.06	ng		99
74) Di-n-butylphthalate	11.904	149	1946997	40.52	ng		99
75) Fluoranthene	12.551	202	1787833	38.49	ng		99
77) Benzidine	12.668	184	648669	43.42	ng		99
78) Pyrene	12.780	202	1857016	41.47	ng		98
80) Butylbenzylphthalate	13.404	149	778989	40.72	ng		91
81) Benzo(a)anthracene	13.968	228	1348596	38.58	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	415661	38.72	ng		99
83) Chrysene	14.010	228	1368369	38.91	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	937285	39.44	ng		98
85) Di-n-octyl phthalate	14.574	149	1460155	38.42	ng		99
87) Indeno(1,2,3-cd)pyrene	16.880	276	977339	39.61	ng		99
88) Benzo(b)fluoranthene	15.015	252	1132387	39.66	ng		98
89) Benzo(k)fluoranthene	15.045	252	1077234	39.54	ng		99
90) Benzo(a)pyrene	15.374	252	967223	39.62	ng		98
91) Dibenzo(a,h)anthracene	16.898	278	824117	39.56	ng		99
92) Benzo(g,h,i)perylene	17.315	276	815754	39.10	ng		98

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

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