Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022924\
Data File : BF137446.D
Acq On : 29 Feb 2024 17:14
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 01 03:35:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 03:22:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.886	152	209041m	20.000	ng		0.08
21) Naphthalene-d8	8.157	136	813309	20.000	ng		0.08
39) Acenaphthene-d10	9.916	164	445069	20.000	ng		0.08
64) Phenanthrene-d10	11.410	188	736364	20.000	ng		0.08
76) Chrysene-d12	14.068	240	351464	20.000	ng		0.08
86) Perylene-d12	15.604	264	389716	20.000	ng		0.12
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	2007293	145.406	ng		0.11
7) Phenol-d6	6.539	99	2792541	140.142	ng		0.09
23) Nitrobenzene-d5	7.451	82	2578369	147.301	ng		0.08
42) 2,4,6-Tribromophenol	10.716	330	610924	156.307	ng		0.08
45) 2-Fluorobiphenyl	9.239	172	3691386	129.831	ng		0.08
79) Terphenyl-d14	13.015	244	3755156	146.921	ng		0.09
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	570757	75.615	ng		99
3) Pyridine	3.510	79	1491284	81.918	ng		99
4) n-Nitrosodimethylamine	3.522	42	603862	79.198	ng		99
6) Aniline	6.563	93	1821203	74.797	ng		99
8) 2-Chlorophenol	6.681	128	1020937	70.118	ng		99
9) Benzaldehyde	6.445	77	714312	73.170	ng		100
10) Phenol	6.551	94	1488521	69.402	ng		83
11) bis(2-Chloroethyl)ether	6.634	93	1185342	75.419	ng		99
12) 1,3-Dichlorobenzene	6.828	146	1106638	71.126	ng		98
13) 1,4-Dichlorobenzene	6.904	146	1105912m	69.629	ng		
14) 1,2-Dichlorobenzene	7.057	146	967757m	66.229	ng		
15) Benzyl Alcohol	7.034	79	881676	71.072	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1871708	69.282	ng		98
17) 2-Methylphenol	7.145	107	992942	72.879	ng		96
18) Hexachloroethane	7.386	117	385350	73.516	ng		96
19) n-Nitroso-di-n-propyla...	7.310	70	860790	69.957	ng		99
20) 3+4-Methylphenols	7.298	107	1023660	65.603	ng		95
22) Acetophenone	7.298	105	1341318	68.162	ng	#	93
24) Nitrobenzene	7.469	77	1324924	75.349	ng		99
25) Isophorone	7.710	82	2511955	75.537	ng		99
26) 2-Nitrophenol	7.781	139	564036	80.796	ng		95
27) 2,4-Dimethylphenol	7.822	122	948026	72.678	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	1422422	72.901	ng		99
29) 2,4-Dichlorophenol	8.022	162	886882	74.082	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	897972	71.277	ng		99
31) Naphthalene	8.181	128	2955317	67.725	ng		100
32) Benzoic acid	7.986	122	649132m	81.188	ng		
33) 4-Chloroaniline	8.233	127	1226213	71.662	ng		96
34) Hexachlorobutadiene	8.292	225	537841	72.313	ng		99
35) Caprolactam	8.633	113	315627m	77.728	ng		
36) 4-Chloro-3-methylphenol	8.722	107	988017	73.833	ng		99
37) 2-Methylnaphthalene	8.869	142	1874544	67.385	ng		97
38) 1-Methylnaphthalene	8.969	142	1770217	67.572	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	886892	71.378	ng		99
41) Hexachlorocyclopentadiene	9.022	237	409030	80.597	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	617156	76.273	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	701821	75.296	ng		96
46) 1,1'-Biphenyl	9.339	154	2210708	67.865	ng		99
47) 2-Chloronaphthalene	9.363	162	1764543	71.048	ng		98
48) 2-Nitroaniline	9.469	65	699869	82.908	ng		98
49) Acenaphthylene	9.780	152	2632322	66.229	ng		99
50) Dimethylphthalate	9.651	163	2236619	72.191	ng		99
51) 2,6-Dinitrotoluene	9.716	165	499680	77.109	ng	#	85
52) Acenaphthene	9.951	154	1638433	69.049	ng		99
53) 3-Nitroaniline	9.886	138	542620	79.164	ng		96
54) 2,4-Dinitrophenol	9.986	184	253099	80.069	ng		97
55) Dibenzofuran	10.127	168	2367212	65.500	ng		99
56) 4-Nitrophenol	10.051	139	380622	78.162	ng		97
57) 2,4-Dinitrotoluene	10.116	165	587451	73.787	ng	#	85
58) Fluorene	10.469	166	1812955	65.319	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	550723m	73.845	ng		
60) Diethylphthalate	10.351	149	2040228	69.735	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	913359	67.146	ng		95
62) 4-Nitroaniline	10.510	138	475979	80.777	ng		96
63) Azobenzene	10.627	77	2369794	70.343	ng		98
65) 4,6-Dinitro-2-methylph...	10.527	198	354562	86.392	ng		96
66) n-Nitrosodiphenylamine	10.586	169	1710733	72.147	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	607113	75.697	ng		98
68) Hexachlorobenzene	11.016	284	604907	74.674	ng		96
69) Atrazine	11.121	200	541984	75.189	ng		96
70) Pentachlorophenol	11.210	266	405019	82.180	ng		99
71) Phenanthrene	11.439	178	2735417	68.258	ng		98
72) Anthracene	11.492	178	2836722	68.922	ng		100
73) Carbazole	11.651	167	2423300	68.736	ng		100
74) Di-n-butylphthalate	11.980	149	2940666	70.106	ng		98
75) Fluoranthene	12.633	202	2603446	66.462	ng		97
77) Benzidine	12.763	184	621444	72.252	ng		99
78) Pyrene	12.863	202	2570338	74.532	ng		100
80) Butylbenzylphthalate	13.492	149	742644	84.321	ng		100
81) Benzo(a)anthracene	14.057	228	1827568	74.189	ng		100
82) 3,3'-Dichlorobenzidine	14.027	252	566915	86.420	ng		99
83) Chrysene	14.098	228	1906621	76.580	ng		100
84) Bis(2-ethylhexyl)phtha...	14.057	149	930755	83.145	ng		99
85) Di-n-octyl phthalate	14.686	149	1861517	81.811	ng		100
87) Indeno(1,2,3-cd)pyrene	17.215	276	2033544	79.293	ng		99
88) Benzo(b)fluoranthene	15.151	252	1702306	73.842	ng		99
89) Benzo(k)fluoranthene	15.180	252	1760159	71.085	ng		98
90) Benzo(a)pyrene	15.539	252	1717789	75.614	ng		99
91) Dibenzo(a,h)anthracene	17.245	278	1657182	79.656	ng		99
92) Benzo(g,h,i)perylene	17.709	276	1696728	79.414	ng		99

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

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