Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022324\
Data File : BF137372.D
Acq On : 23 Feb 2024 13:28
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 24 04:18:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 24 04:02:17 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	194268	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	786460	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	444948	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	744234	20.000	ng	0.00
76) Chrysene-d12	13.980	240	380305	20.000	ng	0.00
86) Perylene-d12	15.462	264	358835	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1538290	122.183	ng	0.00
7) Phenol-d6	6.445	99	2152226	116.210	ng	0.00
23) Nitrobenzene-d5	7.369	82	1966654	124.843	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	484750	125.109	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	3062205	107.145	ng	0.00
79) Terphenyl-d14	12.927	244	3345162	123.028	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.551	88	420849	61.020	ng	99
3) Pyridine	3.316	79	1099475	61.863	ng	99
4) n-Nitrosodimethylamine	3.298	42	416450	61.201	ng	99
6) Aniline	6.475	93	1378311	62.756	ng	100
8) 2-Chlorophenol	6.592	128	784721	58.112	ng	96
9) Benzaldehyde	6.357	77	570447	63.977	ng	99
10) Phenol	6.457	94	1212663	59.828	ng	94
11) bis(2-Chloroethyl)ether	6.545	93	870210	59.084	ng	97
12) 1,3-Dichlorobenzene	6.745	146	847728	58.459	ng	97
13) 1,4-Dichlorobenzene	6.822	146	870042	58.274	ng	97
14) 1,2-Dichlorobenzene	6.975	146	777079	56.269	ng	98
15) Benzyl Alcohol	6.951	79	694794	62.935	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	1426851	58.285	ng	99
17) 2-Methylphenol	7.057	107	770470	60.303	ng	98
18) Hexachloroethane	7.310	117	297873	57.898	ng	99
19) n-Nitroso-di-n-propyla...	7.228	70	672124	58.893	ng	96
20) 3+4-Methylphenols	7.216	107	836602	57.449	ng	97
22) Acetophenone	7.216	105	1087431	57.020	ng	99
24) Nitrobenzene	7.386	77	1001249	62.552	ng	95
25) Isophorone	7.628	82	1950234	59.865	ng	100
26) 2-Nitrophenol	7.698	139	370865	59.870	ng	95
27) 2,4-Dimethylphenol	7.739	122	734633	61.317	ng	98
28) bis(2-Chloroethoxy)met...	7.839	93	1145364	60.998	ng	99
29) 2,4-Dichlorophenol	7.939	162	697340	62.101	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	711035	58.993	ng	99
31) Naphthalene	8.104	128	2382314	56.445	ng	99
32) Benzoic acid	7.886	122	455155	59.850	ng	96
33) 4-Chloroaniline	8.157	127	958717	59.724	ng	96
34) Hexachlorobutadiene	8.216	225	420908	58.785	ng	99
35) Caprolactam	8.545	113	224452	64.798	ng	95
36) 4-Chloro-3-methylphenol	8.639	107	775759	60.938	ng	99
37) 2-Methylnaphthalene	8.792	142	1550568	57.014	ng	99
38) 1-Methylnaphthalene	8.892	142	1462772	56.889	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	722374	58.945	ng	99
41) Hexachlorocyclopentadiene	8.945	237	366923	66.037	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	486641	61.243	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	560318	61.465	ng		98
46) 1,1'-Biphenyl	9.263	154	1830128	56.473	ng		98
47) 2-Chloronaphthalene	9.280	162	1413254	57.746	ng		99
48) 2-Nitroaniline	9.386	65	462693	60.988	ng		94
49) Acenaphthylene	9.698	152	2236562	56.247	ng		100
50) Dimethylphthalate	9.569	163	1785648	58.078	ng		99
51) 2,6-Dinitrotoluene	9.627	165	376262	65.782	ng	#	85
52) Acenaphthene	9.874	154	1332377	56.134	ng		100
53) 3-Nitroaniline	9.804	138	405430	61.350	ng		95
54) 2,4-Dinitrophenol	9.904	184	164444	60.307	ng		93
55) Dibenzofuran	10.045	168	2045198	55.750	ng		99
56) 4-Nitrophenol	9.963	139	287415	60.574	ng		98
57) 2,4-Dinitrotoluene	10.033	165	446286	61.410	ng		99
58) Fluorene	10.386	166	1525416	54.448	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	446637m	58.872	ng		
60) Diethylphthalate	10.269	149	1663311	57.944	ng		99
61) 4-Chlorophenyl-phenyle...	10.380	204	770657	55.920	ng		99
62) 4-Nitroaniline	10.421	138	369682m	63.202	ng		
63) Azobenzene	10.545	77	1947731	56.712	ng		97
65) 4,6-Dinitro-2-methylph...	10.439	198	227027	61.034	ng		96
66) n-Nitrosodiphenylamine	10.504	169	1415776	58.574	ng		99
67) 4-Bromophenyl-phenylether	10.874	248	494411	61.795	ng		96
68) Hexachlorobenzene	10.933	284	500309	60.449	ng		99
69) Atrazine	11.039	200	413854	63.446	ng		99
70) Pentachlorophenol	11.127	266	341323	65.090	ng		99
71) Phenanthrene	11.351	178	2320667	56.518	ng		100
72) Anthracene	11.404	178	2398916	56.691	ng		98
73) Carbazole	11.563	167	2122320	58.702	ng		99
74) Di-n-butylphthalate	11.904	149	2343409	64.778	ng		99
75) Fluoranthene	12.545	202	2251721	56.180	ng		100
77) Benzidine	12.674	184	394261	58.890	ng		98
78) Pyrene	12.774	202	2263128	62.933	ng		99
80) Butylbenzylphthalate	13.404	149	359656	61.494	ng		98
81) Benzo(a)anthracene	13.968	228	1614912	61.194	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	386520	61.256	ng		99
83) Chrysene	14.009	228	1589380	58.957	ng		100
84) Bis(2-ethylhexyl)phtha...	13.974	149	463979	62.015	ng		97
85) Di-n-octyl phthalate	14.592	149	851510	61.853	ng		96
87) Indeno(1,2,3-cd)pyrene	16.980	276	1539618	61.421	ng		99
88) Benzo(b)fluoranthene	15.033	252	1306773	59.364	ng		98
89) Benzo(k)fluoranthene	15.062	252	1331810	57.765	ng		98
90) Benzo(a)pyrene	15.404	252	1297393	62.136	ng		99
91) Dibenzo(a,h)anthracene	17.003	278	1269173	61.888	ng		98
92) Benzo(g,h,i)perylene	17.433	276	1310373	61.645	ng		99

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

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