Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032624\
Data File : BF137693.D
Acq On : 26 Mar 2024 18:01
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 27 01:40:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 01:28:16 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/27/2024
Supervised By :mohammad ahmed 03/28/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.786	152	267642	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	1031803	20.000	ng		0.00
39) Acenaphthene-d10	9.827	164	580014	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	980233	20.000	ng		0.00
76) Chrysene-d12	13.945	240	481539	20.000	ng		0.00
86) Perylene-d12	15.374	264	557662	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	1908511	110.991	ng		0.00
7) Phenol-d6	6.422	99	2405512	112.869	ng		0.00
23) Nitrobenzene-d5	7.357	82	2058513	131.620	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	636185	116.496	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	3467401	119.030	ng		0.00
79) Terphenyl-d14	12.898	244	3700193	117.551	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.487	88	470402	59.055	ng		99
3) Pyridine	3.210	79	1300391	59.628	ng		99
4) n-Nitrosodimethylamine	3.187	42	581794	59.369	ng		100
6) Aniline	6.457	93	1640393	58.481	ng		99
8) 2-Chlorophenol	6.575	128	971428	56.015	ng		99
9) Benzaldehyde	6.339	77	584433	59.125	ng		96
10) Phenol	6.439	94	1341426	56.600	ng		92
11) bis(2-Chloroethyl)ether	6.534	93	984776	57.121	ng		99
12) 1,3-Dichlorobenzene	6.728	146	1085891	56.432	ng		98
13) 1,4-Dichlorobenzene	6.804	146	1090410	56.491	ng		98
14) 1,2-Dichlorobenzene	6.963	146	974951	54.437	ng		99
15) Benzyl Alcohol	6.934	79	868446	55.778	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	1566683	57.322	ng		98
17) 2-Methylphenol	7.039	107	942697	58.308	ng		100
18) Hexachloroethane	7.298	117	365145	59.053	ng		98
19) n-Nitroso-di-n-propyla...	7.216	70	770883	55.984	ng		99
20) 3+4-Methylphenols	7.198	107	990530	50.498	ng		93
22) Acetophenone	7.204	105	1282578	53.820	ng	#	95
24) Nitrobenzene	7.381	77	1096028	66.950	ng		91
25) Isophorone	7.616	82	2103545	59.398	ng		100
26) 2-Nitrophenol	7.686	139	483969	62.512	ng		94
27) 2,4-Dimethylphenol	7.728	122	936071	57.735	ng		99
28) bis(2-Chloroethoxy)met...	7.828	93	1213656	57.485	ng		99
29) 2,4-Dichlorophenol	7.928	162	905315	60.073	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	902601	58.344	ng		98
31) Naphthalene	8.092	128	2822673	55.184	ng		99
32) Benzoic acid	7.869	122	668931	61.423	ng		100
33) 4-Chloroaniline	8.145	127	1245587	56.444	ng		100
34) Hexachlorobutadiene	8.210	225	525895	57.453	ng		99
35) Caprolactam	8.539	113	300217m	60.956	ng		
36) 4-Chloro-3-methylphenol	8.627	107	939595	59.412	ng		94
37) 2-Methylnaphthalene	8.786	142	1897459	54.036	ng		98
38) 1-Methylnaphthalene	8.886	142	1799087	54.619	ng		100
40) 1,2,4,5-Tetrachloroben...	8.951	216	832454	54.774	ng		99
41) Hexachlorocyclopentadiene	8.939	237	499962	67.187	ng		96
43) 2,4,6-Trichlorophenol	9.063	196	626873	59.985	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	712388	60.325	ng		97
46) 1,1'-Biphenyl	9.251	154	2193008	53.642	ng		99
47) 2-Chloronaphthalene	9.275	162	1755414	55.477	ng		99
48) 2-Nitroaniline	9.369	65	564999	62.187	ng		92
49) Acenaphthylene	9.692	152	2782990	54.677	ng		99
50) Dimethylphthalate	9.563	163	2198788	56.331	ng		99
51) 2,6-Dinitrotoluene	9.616	165	469582	61.734	ng		97
52) Acenaphthene	9.863	154	1743255	55.266	ng		99
53) 3-Nitroaniline	9.786	138	538437	61.126	ng		99
54) 2,4-Dinitrophenol	9.880	184	182471	62.716	ng	#	80
55) Dibenzofuran	10.033	168	2538496	54.101	ng		99
56) 4-Nitrophenol	9.933	139	426053	61.807	ng		99
57) 2,4-Dinitrotoluene	10.016	165	569801	62.762	ng		96
58) Fluorene	10.374	166	1723078	58.811	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	557234	59.476	ng		94
60) Diethylphthalate	10.257	149	2103324	55.956	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	839015	59.266	ng		97
62) 4-Nitroaniline	10.404	138	518832	61.521	ng		98
63) Azobenzene	10.533	77	2068073	55.150	ng		98
65) 4,6-Dinitro-2-methylph...	10.422	198	261543	61.382	ng		98
66) n-Nitrosodiphenylamine	10.492	169	1741972	55.752	ng		100
67) 4-Bromophenyl-phenylether	10.857	248	635183	57.512	ng		98
68) Hexachlorobenzene	10.916	284	651431	57.290	ng		95
69) Atrazine	11.021	200	533664	57.500	ng		99
70) Pentachlorophenol	11.110	266	482169	62.676	ng		98
71) Phenanthrene	11.333	178	2727573	53.539	ng		100
72) Anthracene	11.386	178	2834352	54.029	ng		100
73) Carbazole	11.539	167	2530451	54.136	ng		100
74) Di-n-butylphthalate	11.880	149	2994846	55.185	ng		98
75) Fluoranthene	12.521	202	2646900	50.385	ng		98
77) Benzidine	12.645	184	687921	62.055	ng		98
78) Pyrene	12.751	202	2620808	61.252	ng		99
80) Butylbenzylphthalate	13.374	149	937794	61.391	ng		98
81) Benzo(a)anthracene	13.933	228	1940151	58.170	ng		99
82) 3,3'-Dichlorobenzidine	13.904	252	673766	62.967	ng		96
83) Chrysene	13.974	228	1952873	59.458	ng		99
84) Bis(2-ethylhexyl)phtha...	13.939	149	1030127	63.623	ng		98
85) Di-n-octyl phthalate	14.551	149	1951739	61.753	ng		100
87) Indeno(1,2,3-cd)pyrene	16.792	276	2371039	65.894	ng		100
88) Benzo(b)fluoranthene	14.962	252	1976971	60.155	ng		98
89) Benzo(k)fluoranthene	14.998	252	1772104	54.010	ng		99
90) Benzo(a)pyrene	15.315	252	1837962	59.281	ng		98
91) Dibenzo(a,h)anthracene	16.815	278	1924855	65.022	ng		99
92) Benzo(g,h,i)perylene	17.221	276	2003224	66.682	ng		99

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

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