Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042324\
Data File : BF137704.D
Acq On : 23 Apr 2024 20:26
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 24 03:50:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:33:10 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.069	152	320651	20.000	ng	0.00
21) Naphthalene-d8	8.351	136	1240230	20.000	ng	0.00
39) Acenaphthene-d10	10.116	164	672195	20.000	ng	0.00
64) Phenanthrene-d10	11.610	188	1110752	20.000	ng	0.00
76) Chrysene-d12	14.263	240	701743	20.000	ng	# 0.00
86) Perylene-d12	15.833	264	580465	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	2413913	114.356	ng	0.00
7) Phenol-d6	6.687	99	3055935	114.002	ng	0.01
23) Nitrobenzene-d5	7.639	82	2808266	120.197	ng	0.01
42) 2,4,6-Tribromophenol	10.910	330	794437	117.123	ng	0.00
45) 2-Fluorobiphenyl	9.428	172	4636879	103.072	ng	0.00
79) Terphenyl-d14	13.198	244	5083050	116.588	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.999	88	569409	60.241	ng	99
3) Pyridine	3.763	79	1510187	59.977	ng	99
4) n-Nitrosodimethylamine	3.746	42	704747	59.972	ng	95
6) Aniline	6.740	93	1977636m	59.261	ng	
8) 2-Chlorophenol	6.857	128	1279994	58.089	ng	99
9) Benzaldehyde	6.622	77	759447	50.483	ng	97
10) Phenol	6.698	94	1546797	57.761	ng	95
11) bis(2-Chloroethyl)ether	6.804	93	1264618	57.897	ng	98
12) 1,3-Dichlorobenzene	7.010	146	1327279	57.438	ng	98
13) 1,4-Dichlorobenzene	7.087	146	1328433	57.102	ng	98
14) 1,2-Dichlorobenzene	7.239	146	1213453	56.035	ng	97
15) Benzyl Alcohol	7.204	79	1199519	59.818	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.334	45	1974672	58.785	ng	99
17) 2-Methylphenol	7.304	107	1157750	59.137	ng	100
18) Hexachloroethane	7.581	117	485488	58.963	ng	98
19) n-Nitroso-di-n-propyla...	7.487	70	991861	57.222	ng	100
20) 3+4-Methylphenols	7.463	107	1444828	57.141	ng	92
22) Acetophenone	7.481	105	1731306	57.074	ng	99
24) Nitrobenzene	7.657	77	1428108	60.501	ng	99
25) Isophorone	7.892	82	2616630	60.302	ng	99
26) 2-Nitrophenol	7.963	139	687000	66.321	ng	93
27) 2,4-Dimethylphenol	7.992	122	1227237	58.724	ng	99
28) bis(2-Chloroethoxy)met...	8.092	93	1561067	58.900	ng	99
29) 2,4-Dichlorophenol	8.204	162	1105727	60.371	ng	99
30) 1,2,4-Trichlorobenzene	8.287	180	1102594	59.062	ng	99
31) Naphthalene	8.375	128	3561980	56.282	ng	98
32) Benzoic acid	8.122	122	887485	67.069	ng	99
33) 4-Chloroaniline	8.416	127	1563915	58.381	ng	98
34) Hexachlorobutadiene	8.486	225	659089	58.891	ng	98
35) Caprolactam	8.810	113	359669m	60.739	ng	
36) 4-Chloro-3-methylphenol	8.892	107	1152596	59.333	ng	95
37) 2-Methylnaphthalene	9.063	142	2459719	56.625	ng	99
38) 1-Methylnaphthalene	9.169	142	2289967	56.385	ng	99
40) 1,2,4,5-Tetrachloroben...	9.228	216	1079291	58.567	ng	99
41) Hexachlorocyclopentadiene	9.216	237	678174	65.678	ng	99
43) 2,4,6-Trichlorophenol	9.339	196	781326	60.436	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.375	196	891828	60.193	ng		99
46)	1,1'-Biphenyl	9.533	154	2734791	55.925	ng		99
47)	2-Chloronaphthalene	9.563	162	2187748	58.037	ng		99
48)	2-Nitroaniline	9.651	65	740135	64.434	ng		96
49)	Acenaphthylene	9.980	152	3357204	57.110	ng		99
50)	Dimethylphthalate	9.833	163	2709632	57.857	ng		99
51)	2,6-Dinitrotoluene	9.892	165	619470	62.778	ng		99
52)	Acenaphthene	10.151	154	2191366	57.570	ng		100
53)	3-Nitroaniline	10.069	138	687504	61.998	ng		97
54)	2,4-Dinitrophenol	10.169	184	320064	62.373	ng	#	40
55)	Dibenzofuran	10.322	168	3162656	56.682	ng		97
56)	4-Nitrophenol	10.210	139	534353	61.964	ng		97
57)	2,4-Dinitrotoluene	10.298	165	803462	64.587	ng		95
58)	Fluorene	10.669	166	2413150	55.350	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.433	232	667870	58.215	ng		99
60)	Diethylphthalate	10.528	149	2554578	56.711	ng		99
61)	4-Chlorophenyl-phenyle...	10.657	204	1216006	56.448	ng		95
62)	4-Nitroaniline	10.692	138	660983	62.580	ng		99
63)	Azobenzene	10.816	77	2627134	56.915	ng		97
65)	4,6-Dinitro-2-methylph...	10.710	198	429950	67.510	ng		89
66)	n-Nitrosodiphenylamine	10.775	169	2203719	58.578	ng		99
67)	4-Bromophenyl-phenylether	11.151	248	774375	60.165	ng		94
68)	Hexachlorobenzene	11.216	284	752781	60.036	ng		95
69)	Atrazine	11.298	200	562770	54.116	ng		99
70)	Pentachlorophenol	11.404	266	573173	60.768	ng		98
71)	Phenanthrene	11.639	178	3342221	56.842	ng		100
72)	Anthracene	11.686	178	3415469	56.727	ng		99
73)	Carbazole	11.839	167	3116079	57.108	ng		98
74)	Di-n-butylphthalate	12.157	149	3738256	56.201	ng		99
75)	Fluoranthene	12.827	202	3493824	56.532	ng		97
77)	Benzidine	12.939	184	779604	47.565	ng		98
78)	Pyrene	13.063	202	3509397	60.929	ng		98
80)	Butylbenzylphthalate	13.669	149	1359682	66.567	ng		92
81)	Benzo(a)anthracene	14.251	228	2931215	59.888	ng		100
82)	3,3'-Dichlorobenzidine	14.210	252	870016	57.450	ng		98
83)	Chrysene	14.292	228	2692353	58.872	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.221	149	1957082	63.445	ng		100
85)	Di-n-octyl phthalate	14.851	149	2870919	61.959	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.480	276	2088556	64.891	ng		99
88)	Benzo(b)fluoranthene	15.363	252	2196970	59.146	ng		99
89)	Benzo(k)fluoranthene	15.398	252	2218943	60.772	ng		99
90)	Benzo(a)pyrene	15.768	252	2025282	60.781	ng		99
91)	Dibenzo(a,h)anthracene	17.504	278	1731787	64.839	ng		100
92)	Benzo(g,h,i)perylene	17.986	276	1726664	66.482	ng		99

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

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