Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
Data File : BF137733.D
Acq On : 26 Apr 2024 13:54
Operator : CG\JU
Sample : SP6478
Misc : 8270 SPIKE
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 26 14:28:39 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 03:57:12 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SP6478

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	218086	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	871765	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	491185	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	853405	20.000	ng	0.00
76) Chrysene-d12	14.257	240	565305	20.000	ng	# 0.00
86) Perylene-d12	15.827	264	452650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.099	88	365388	56.837	ng	98
3) Pyridine	3.822	79	879812	51.375	ng	99
4) n-Nitrosodimethylamine	3.799	42	450508	56.367	ng	96
6) Aniline	6.722	93	881225	38.834	ng	99
8) 2-Chlorophenol	6.845	128	918633	61.296	ng	99
9) Benzaldehyde	6.616	77	686782	67.124	ng	98
10) Phenol	6.681	94	1124180	61.722	ng	97
11) bis(2-Chloroethyl)ether	6.792	93	861133	57.965	ng	98
12) 1,3-Dichlorobenzene	7.004	146	978085	62.233	ng	97
13) 1,4-Dichlorobenzene	7.081	146	979384	61.896	ng	98
14) 1,2-Dichlorobenzene	7.234	146	944107	64.100	ng	99
15) Benzyl Alcohol	7.198	79	778760	57.100	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.322	45	1288387	56.392	ng	99
17) 2-Methylphenol	7.298	107	731817	54.961	ng	99
18) Hexachloroethane	7.575	117	347681	62.085	ng	100
19) n-Nitroso-di-n-propyla...	7.463	70	634138	53.790	ng	99
20) 3+4-Methylphenols	7.451	107	937920	54.538	ng	91
22) Acetophenone	7.469	105	1251455	58.692	ng	99
24) Nitrobenzene	7.639	77	946911	57.071	ng	96
25) Isophorone	7.881	82	1766941	57.931	ng	100
26) 2-Nitrophenol	7.957	139	495608	68.067	ng	96
27) 2,4-Dimethylphenol	7.986	122	707723	48.178	ng	99
28) bis(2-Chloroethoxy)met...	8.086	93	1071895	57.537	ng	99
29) 2,4-Dichlorophenol	8.198	162	786595	61.099	ng	99
30) 1,2,4-Trichlorobenzene	8.286	180	812298	61.903	ng	97
31) Naphthalene	8.369	128	2642316	59.397	ng	100
32) Benzoic acid	8.098	122	620493	66.711	ng	99
33) 4-Chloroaniline	8.410	127	531469	28.225	ng	99
34) Hexachlorobutadiene	8.481	225	484655	61.608	ng	98
35) Caprolactam	8.786	113	248938m	59.807	ng	
36) 4-Chloro-3-methylphenol	8.886	107	806435	59.060	ng	93
37) 2-Methylnaphthalene	9.063	142	1737168	56.894	ng	100
38) 1-Methylnaphthalene	9.163	142	1621722	56.808	ng	100
40) 1,2,4,5-Tetrachloroben...	9.228	216	807897	59.995	ng	99
41) Hexachlorocyclopentadiene	9.210	237	1007815	133.571	ng	98
43) 2,4,6-Trichlorophenol	9.333	196	569698	60.306	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.369	196	602145	55.618	ng		97
46)	1,1'-Biphenyl	9.528	154	2096058	58.659	ng		97
47)	2-Chloronaphthalene	9.551	162	1644714	59.710	ng		99
48)	2-Nitroaniline	9.645	65	507014	60.405	ng		97
49)	Acenaphthylene	9.975	152	2582871	60.129	ng		100
50)	Dimethylphthalate	9.822	163	1949583	56.969	ng		99
51)	2,6-Dinitrotoluene	9.886	165	436835	60.584	ng		93
52)	Acenaphthene	10.145	154	1751560	62.974	ng		98
53)	3-Nitroaniline	10.057	138	312335	38.546	ng		98
54)	2,4-Dinitrophenol	10.163	184	505403	128.297	ng	#	46
55)	Dibenzofuran	10.322	168	2344015	57.491	ng		98
56)	4-Nitrophenol	10.210	139	753384	119.557	ng		98
57)	2,4-Dinitrotoluene	10.292	165	600167	66.024	ng		98
58)	Fluorene	10.663	166	1823867	57.250	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.428	232	504780	60.213	ng		97
60)	Diethylphthalate	10.522	149	1838340	55.850	ng		99
61)	4-Chlorophenyl-phenyle...	10.651	204	904415	57.455	ng		95
62)	4-Nitroaniline	10.680	138	461703	59.822	ng		100
63)	Azobenzene	10.810	77	1869510	55.427	ng		98
65)	4,6-Dinitro-2-methylph...	10.698	198	336914	68.854	ng		94
66)	n-Nitrosodiphenylamine	10.769	169	1604150	55.499	ng		99
67)	4-Bromophenyl-phenylether	11.145	248	558636	56.492	ng		95
68)	Hexachlorobenzene	11.210	284	597431	62.014	ng		95
69)	Atrazine	11.292	200	550806	68.937	ng		99
70)	Pentachlorophenol	11.404	266	783851	108.164	ng		99
71)	Phenanthrene	11.633	178	2548021	56.403	ng		100
72)	Anthracene	11.686	178	2604145	56.295	ng		100
73)	Carbazole	11.833	167	2397511	57.189	ng		99
74)	Di-n-butylphthalate	12.151	149	2807311	54.932	ng		100
75)	Fluoranthene	12.821	202	2693385	56.722	ng		99
77)	Benzidine	12.939	184	1693697	128.275	ng		100
78)	Pyrene	13.057	202	2717076	58.558	ng		100
80)	Butylbenzylphthalate	13.663	149	1024493	62.262	ng		92
81)	Benzo(a)anthracene	14.245	228	2324057	58.943	ng		99
82)	3,3'-Dichlorobenzidine	14.204	252	477015	39.101	ng	#	97
83)	Chrysene	14.286	228	2157138	58.553	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.216	149	1420455	57.162	ng		100
85)	Di-n-octyl phthalate	14.845	149	2071659	55.501	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.468	276	1667465	66.437	ng		99
88)	Benzo(b)fluoranthene	15.351	252	1803948	62.279	ng		100
89)	Benzo(k)fluoranthene	15.386	252	1775974	62.374	ng		100
90)	Benzo(a)pyrene	15.762	252	1574409	60.591	ng		98
91)	Dibenzo(a,h)anthracene	17.492	278	1351191	64.874	ng		98
92)	Benzo(g,h,i)perylene	17.968	276	1269752	62.694	ng		99

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

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