Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022924\
Data File : BF137445.D
Acq On : 29 Feb 2024 16:43
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 01 03:33:19 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 :
SSTDICC060

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	6.881	152	207177m	20.000	ng		0.08
21) Naphthalene-d8	8.151	136	810536	20.000	ng		0.07
39) Acenaphthene-d10	9.910	164	451374	20.000	ng		0.07
64) Phenanthrene-d10	11.404	188	760756	20.000	ng		0.08
76) Chrysene-d12	14.068	240	377521	20.000	ng		0.08
86) Perylene-d12	15.598	264	376339	20.000	ng		0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1614780	118.026	ng		0.10
7) Phenol-d6	6.528	99	2274737	115.183	ng		0.08
23) Nitrobenzene-d5	7.445	82	2059634	118.069	ng		0.08
42) 2,4,6-Tribromophenol	10.710	330	483738	122.038	ng		0.08
45) 2-Fluorobiphenyl	9.234	172	3039062	105.394	ng		0.07
79) Terphenyl-d14	13.010	244	3256693	118.624	ng		0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	450442	60.212	ng		100
3) Pyridine	3.516	79	1168108	64.743	ng		99
4) n-Nitrosodimethylamine	3.504	42	451977	60.742	ng		99
6) Aniline	6.557	93	1464430	60.686	ng		98
8) 2-Chlorophenol	6.675	128	824396	57.129	ng		98
9) Benzaldehyde	6.440	77	578336	59.774	ng		100
10) Phenol	6.545	94	1238993	58.288	ng		85
11) bis(2-Chloroethyl)ether	6.628	93	919381	59.023	ng		99
12) 1,3-Dichlorobenzene	6.822	146	879611	57.043	ng		99
13) 1,4-Dichlorobenzene	6.898	146	897406m	57.009	ng		
14) 1,2-Dichlorobenzene	7.051	146	799412m	55.201	ng		
15) Benzyl Alcohol	7.028	79	720558	58.606	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1519790	56.762	ng		99
17) 2-Methylphenol	7.140	107	792699	58.705	ng		99
18) Hexachloroethane	7.387	117	309440	59.565	ng		98
19) n-Nitroso-di-n-propyla...	7.304	70	684670	56.144	ng		100
20) 3+4-Methylphenols	7.292	107	857330	55.438	ng		95
22) Acetophenone	7.292	105	1105443	56.368	ng	#	93
24) Nitrobenzene	7.463	77	1058806	60.421	ng		99
25) Isophorone	7.704	82	1984505	59.880	ng		99
26) 2-Nitrophenol	7.775	139	446407	64.165	ng		98
27) 2,4-Dimethylphenol	7.816	122	768390	59.108	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	1148294	59.053	ng		100
29) 2,4-Dichlorophenol	8.016	162	707897	59.333	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	726513	57.865	ng		99
31) Naphthalene	8.175	128	2428122	55.834	ng		100
32) Benzoic acid	7.969	122	466104	60.087	ng		99
33) 4-Chloroaniline	8.228	127	1041305	61.064	ng		97
34) Hexachlorobutadiene	8.292	225	430469	58.075	ng		99
35) Caprolactam	8.622	113	250321m	61.856	ng		
36) 4-Chloro-3-methylphenol	8.716	107	783925	58.782	ng		100
37) 2-Methylnaphthalene	8.869	142	1543592	55.678	ng		99
38) 1-Methylnaphthalene	8.969	142	1441537	55.214	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	725031	57.536	ng		100
41) Hexachlorocyclopentadiene	9.016	237	300178	60.600	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	492399	60.005	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.186	196	564958	59.766	ng	95
46)	1,1'-Biphenyl	9.334	154	1842528	55.772	ng	99
47)	2-Chloronaphthalene	9.357	162	1425335	56.589	ng	98
48)	2-Nitroaniline	9.463	65	561891	65.633	ng	99
49)	Acenaphthylene	9.775	152	2221079	55.102	ng	99
50)	Dimethylphthalate	9.645	163	1798069	57.225	ng	99
51)	2,6-Dinitrotoluene	9.704	165	403249	61.359	ng	99
52)	Acenaphthene	9.945	154	1320580	54.876	ng	99
53)	3-Nitroaniline	9.881	138	443820	63.846	ng	93
54)	2,4-Dinitrophenol	9.981	184	187964	60.835	ng	98
55)	Dibenzofuran	10.122	168	1978118	53.970	ng	98
56)	4-Nitrophenol	10.039	139	299926	61.740	ng	95
57)	2,4-Dinitrotoluene	10.110	165	492079	60.945	ng	93
58)	Fluorene	10.463	166	1493439	53.056	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.239	232	442353m	58.485	ng	
60)	Diethylphthalate	10.345	149	1682228	56.695	ng	99
61)	4-Chlorophenyl-phenyle...	10.457	204	753841	54.645	ng	98
62)	4-Nitroaniline	10.498	138	386330	64.647	ng	99
63)	Azobenzene	10.622	77	1927655	56.420	ng	99
65)	4,6-Dinitro-2-methylph...	10.522	198	281131	66.304	ng	87
66)	n-Nitrosodiphenylamine	10.580	169	1395867	56.980	ng	100
67)	4-Bromophenyl-phenylether	10.951	248	487036	58.778	ng	98
68)	Hexachlorobenzene	11.010	284	493947	59.021	ng	97
69)	Atrazine	11.116	200	437583	58.759	ng	97
70)	Pentachlorophenol	11.210	266	323970	63.627	ng	98
71)	Phenanthrene	11.433	178	2265706	54.725	ng	98
72)	Anthracene	11.486	178	2380067	55.973	ng	100
73)	Carbazole	11.645	167	2075063	56.971	ng	100
74)	Di-n-butylphthalate	11.980	149	2444728	56.414	ng	99
75)	Fluoranthene	12.627	202	2211333	54.642	ng	98
77)	Benzidine	12.757	184	582655	63.066	ng	99
78)	Pyrene	12.857	202	2240379	60.480	ng	100
80)	Butylbenzylphthalate	13.492	149	635648	67.191	ng	95
81)	Benzo(a)anthracene	14.057	228	1576470	59.579	ng	99
82)	3,3'-Dichlorobenzidine	14.021	252	467261	66.313	ng	99
83)	Chrysene	14.092	228	1588852	59.412	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.057	149	789297	65.641	ng	99
85)	Di-n-octyl phthalate	14.680	149	1410174	59.350	ng	100
87)	Indeno(1,2,3-cd)pyrene	17.204	276	1550025	62.588	ng	99
88)	Benzo(b)fluoranthene	15.145	252	1330337	59.758	ng	99
89)	Benzo(k)fluoranthene	15.174	252	1393420	58.274	ng	99
90)	Benzo(a)pyrene	15.533	252	1327762	60.523	ng	99
91)	Dibenzo(a,h)anthracene	17.233	278	1278819	63.654	ng	99
92)	Benzo(g,h,i)perylene	17.698	276	1296436	62.835	ng	99

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

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