Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
Data File : BF137423.D
Acq On : 28 Feb 2024 15:23
Operator : CG\JU
Sample : PB159308BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 28 15:48:34 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 04:23:49 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB159308BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	257657	20.000	ng		-0.02
21) Naphthalene-d8	8.063	136	1038762	20.000	ng		-0.02
39) Acenaphthene-d10	9.822	164	548450	20.000	ng		-0.01
64) Phenanthrene-d10	11.316	188	952816	20.000	ng		-0.01
76) Chrysene-d12	13.974	240	514852	20.000	ng		0.00
86) Perylene-d12	15.457	264	450477	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	2121007	127.021	ng		0.01
7) Phenol-d6	6.434	99	2983479	121.461	ng		0.00
23) Nitrobenzene-d5	7.351	82	1881004	90.404	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	628162	131.527	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	2854880	81.039	ng		-0.01
79) Terphenyl-d14	12.916	244	3138442	85.261	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	351569	38.434	ng		97
3) Pyridine	3.422	79	823086	35.769	ng		98
4) n-Nitrosodimethylamine	3.399	42	422343	48.002	ng		96
6) Aniline	6.451	93	689302	23.663	ng	#	49
8) 2-Chlorophenol	6.569	128	863891	48.236	ng		98
9) Benzaldehyde	6.334	77	137143	11.597	ng		97
10) Phenol	6.445	94	1144021	42.556	ng		84
11) bis(2-Chloroethyl)ether	6.528	93	875613	44.825	ng		98
12) 1,3-Dichlorobenzene	6.722	146	868428	45.153	ng		99
13) 1,4-Dichlorobenzene	6.798	146	876547	44.266	ng		98
14) 1,2-Dichlorobenzene	6.951	146	834679	45.570	ng		98
15) Benzyl Alcohol	6.934	79	796201	54.378	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1448213	44.603	ng		96
17) 2-Methylphenol	7.045	107	709400	41.863	ng		96
18) Hexachloroethane	7.292	117	303523	44.482	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	650432	42.971	ng		98
20) 3+4-Methylphenols	7.198	107	810595	41.969	ng		91
22) Acetophenone	7.192	105	1145119	45.461	ng	#	96
24) Nitrobenzene	7.369	77	989641	46.809	ng		96
25) Isophorone	7.610	82	1860086	43.230	ng		98
26) 2-Nitrophenol	7.681	139	429598	52.864	ng		94
27) 2,4-Dimethylphenol	7.728	122	635642	40.168	ng		98
28) bis(2-Chloroethoxy)met...	7.822	93	1109744	44.746	ng		99
29) 2,4-Dichlorophenol	7.928	162	702877	47.391	ng		98
30) 1,2,4-Trichlorobenzene	8.004	180	719005	45.165	ng		98
31) Naphthalene	8.087	128	2369867	42.512	ng		99
32) Benzoic acid	7.875	122	475284	48.927	ng		99
33) 4-Chloroaniline	8.139	127	243156	11.469	ng		97
34) Hexachlorobutadiene	8.204	225	404984	42.823	ng		99
35) Caprolactam	8.522	113	230556m	50.267	ng		
36) 4-Chloro-3-methylphenol	8.628	107	767351	45.637	ng		99
37) 2-Methylnaphthalene	8.781	142	1445121	40.231	ng		98
38) 1-Methylnaphthalene	8.881	142	1380587	40.651	ng		100
40) 1,2,4,5-Tetrachloroben...	8.945	216	684838	45.336	ng		98
41) Hexachlorocyclopentadiene	8.934	237	559467	81.688	ng		98
43) 2,4,6-Trichlorophenol	9.063	196	472183	48.210	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.110	196	492222	43.805	ng		100
46)	1,1'-Biphenyl	9.245	154	1778604	44.526	ng		99
47)	2-Chloronaphthalene	9.269	162	1396214	46.283	ng		99
48)	2-Nitroaniline	9.375	65	493935	53.388	ng		94
49)	Acenaphthylene	9.686	152	2220744	45.310	ng		99
50)	Dimethylphthalate	9.557	163	1655679	43.688	ng		99
51)	2,6-Dinitrotoluene	9.616	165	361099	51.217	ng	#	86
52)	Acenaphthene	9.857	154	1244309	42.530	ng		100
53)	3-Nitroaniline	9.786	138	219894	28.313	ng		99
54)	2,4-Dinitrophenol	9.898	184	371629	104.025	ng		94
55)	Dibenzofuran	10.033	168	1874917	41.463	ng		98
56)	4-Nitrophenol	9.963	139	567536	94.126	ng		95
57)	2,4-Dinitrotoluene	10.022	165	462367	51.786	ng		96
58)	Fluorene	10.375	166	1430914	41.436	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.151	232	417439m	44.862	ng		
60)	Diethylphthalate	10.257	149	1528150	43.189	ng		98
61)	4-Chlorophenyl-phenyle...	10.369	204	679270	39.987	ng		98
62)	4-Nitroaniline	10.410	138	381932m	51.365	ng		
63)	Azobenzene	10.533	77	1816687	42.914	ng		98
65)	4,6-Dinitro-2-methylph...	10.433	198	249924	53.112	ng		90
66)	n-Nitrosodiphenylamine	10.492	169	1311246	42.374	ng		99
67)	4-Bromophenyl-phenylether	10.863	248	433778	42.348	ng		96
68)	Hexachlorobenzene	10.922	284	470892	44.440	ng		95
69)	Atrazine	11.028	200	383662	45.942	ng		98
70)	Pentachlorophenol	11.122	266	554786	82.637	ng		97
71)	Phenanthrene	11.345	178	2181431	41.497	ng		100
72)	Anthracene	11.398	178	2247795	41.492	ng		99
73)	Carbazole	11.557	167	2022915	43.704	ng		99
74)	Di-n-butylphthalate	11.892	149	2298908	49.637	ng		99
75)	Fluoranthene	12.539	202	2196189	42.800	ng		99
77)	Benzidine	12.669	184	334346	39.473	ng		98
78)	Pyrene	12.769	202	2245347	46.122	ng		99
80)	Butylbenzylphthalate	13.398	149	594679	70.556	ng		95
81)	Benzo(a)anthracene	13.963	228	1643510	46.003	ng		100
82)	3,3'-Dichlorobenzidine	13.933	252	346727	42.288	ng		99
83)	Chrysene	14.004	228	1588623	43.529	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.963	149	728833	69.122	ng		97
85)	Di-n-octyl phthalate	14.586	149	1171585	62.469	ng	#	90
87)	Indeno(1,2,3-cd)pyrene	16.968	276	1431190	45.965	ng		99
88)	Benzo(b)fluoranthene	15.027	252	1310985	47.440	ng		99
89)	Benzo(k)fluoranthene	15.057	252	1286546	44.419	ng		98
90)	Benzo(a)pyrene	15.398	252	1192678	45.501	ng		99
91)	Dibenzo(a,h)anthracene	16.998	278	1151123	45.136	ng		98
92)	Benzo(g,h,i)perylene	17.427	276	1158910	44.040	ng		99

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

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