Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
Data File : BF139295.D
Acq On : 10 Sep 2024 12:49
Operator : RC/JU
Sample : PB163252BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 10 13:25:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB163252BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	128326	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	478766	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	261903	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	487030	20.000	ng	0.00
76) Chrysene-d12	14.057	240	254178	20.000	ng	0.00
86) Perylene-d12	15.527	264	223368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1007254	131.306	ng	0.02
7) Phenol-d6	6.522	99	1329177	129.794	ng	0.00
23) Nitrobenzene-d5	7.451	82	865793	94.077	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	336339	148.719	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1555893	91.703	ng	0.00
79) Terphenyl-d14	13.004	244	1590243	101.015	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.828	88	128031	35.840	ng	98
3) Pyridine	3.558	79	349578	40.540	ng	97
4) n-Nitrosodimethylamine	3.516	42	241003	43.039	ng	99
6) Aniline	6.551	93	442110	46.948	ng	97
8) 2-Chlorophenol	6.675	128	371396	46.716	ng	96
9) Benzaldehyde	6.440	77	92378	14.902	ng	99
10) Phenol	6.534	94	489720	45.337	ng	93
11) bis(2-Chloroethyl)ether	6.628	93	349247	45.130	ng	98
12) 1,3-Dichlorobenzene	6.828	146	382777	42.538	ng	98
13) 1,4-Dichlorobenzene	6.904	146	393682	43.710	ng	99
14) 1,2-Dichlorobenzene	7.057	146	376601	44.832	ng	99
15) Benzyl Alcohol	7.028	79	357493	47.868	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	671898	45.609	ng	97
17) 2-Methylphenol	7.140	107	300230	46.232	ng	98
18) Hexachloroethane	7.398	117	144289	44.855	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	278400	47.202	ng	98
20) 3+4-Methylphenols	7.293	107	371321	45.369	ng	95
22) Acetophenone	7.298	105	509385	44.660	ng	99
24) Nitrobenzene	7.475	77	421851	43.187	ng	99
25) Isophorone	7.710	82	743654	47.264	ng	100
26) 2-Nitrophenol	7.787	139	192429	50.158	ng	99
27) 2,4-Dimethylphenol	7.822	122	306643	56.043	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	428831	45.746	ng	100
29) 2,4-Dichlorophenol	8.028	162	306615	46.802	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	328188	43.863	ng	99
31) Naphthalene	8.193	128	1068487	44.070	ng	100
32) Benzoic acid	7.940	122	207980	41.731	ng	99
33) 4-Chloroaniline	8.240	127	260683	31.052	ng	98
34) Hexachlorobutadiene	8.310	225	210848	44.472	ng	98
35) Caprolactam	8.610	113	96964m	47.809	ng	
36) 4-Chloro-3-methylphenol	8.722	107	339594	47.569	ng	99
37) 2-Methylnaphthalene	8.887	142	696392	45.909	ng	99
38) 1-Methylnaphthalene	8.987	142	648930	43.498	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	323635	43.676	ng	99
41) Hexachlorocyclopentadiene	9.040	237	422442	177.394	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	236535	48.788	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.204	196	234710	46.198	ng		99
46)	1,1'-Biphenyl	9.351	154	868415	44.753	ng		100
47)	2-Chloronaphthalene	9.375	162	653454	44.598	ng		99
48)	2-Nitroaniline	9.469	65	248604	49.260	ng		98
49)	Acenaphthylene	9.792	152	1072786	48.612	ng		100
50)	Dimethylphthalate	9.651	163	760628	47.917	ng		99
51)	2,6-Dinitrotoluene	9.710	165	168088	46.676	ng		98
52)	Acenaphthene	9.963	154	758465	51.818	ng		98
53)	3-Nitroaniline	9.881	138	141951	36.997	ng		99
54)	2,4-Dinitrophenol	9.987	184	189015	98.280	ng	#	69
55)	Dibenzofuran	10.134	168	981271	46.760	ng		99
56)	4-Nitrophenol	10.039	139	282743	99.841	ng		97
57)	2,4-Dinitrotoluene	10.116	165	229791	50.134	ng		98
58)	Fluorene	10.481	166	749907	46.091	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.251	232	202628	50.667	ng		99
60)	Diethylphthalate	10.351	149	757430	48.486	ng		99
61)	4-Chlorophenyl-phenyle...	10.469	204	360954	46.003	ng		99
62)	4-Nitroaniline	10.498	138	179313	49.096	ng		98
63)	Azobenzene	10.628	77	781425	47.461	ng		100
65)	4,6-Dinitro-2-methylph...	10.522	198	121019	53.777	ng		96
66)	n-Nitrosodiphenylamine	10.592	169	657786	46.399	ng		99
67)	4-Bromophenyl-phenylether	10.963	248	218222	46.181	ng		98
68)	Hexachlorobenzene	11.022	284	247397	45.734	ng		99
69)	Atrazine	11.116	200	210917	64.486	ng		100
70)	Pentachlorophenol	11.216	266	297138	95.091	ng		99
71)	Phenanthrene	11.439	178	1073536	47.184	ng		100
72)	Anthracene	11.492	178	1097840	49.395	ng		100
73)	Carbazole	11.645	167	1000011	48.140	ng		100
74)	Di-n-butylphthalate	11.975	149	1131942	53.219	ng		99
75)	Fluoranthene	12.628	202	1131600	49.610	ng		99
77)	Benzidine	12.751	184	392589	76.708	ng		99
78)	Pyrene	12.857	202	1162338	47.338	ng		100
80)	Butylbenzylphthalate	13.475	149	375549	64.972	ng		99
81)	Benzo(a)anthracene	14.045	228	790566	48.709	ng		100
82)	3,3'-Dichlorobenzidine	14.004	252	180231	41.814	ng		99
83)	Chrysene	14.080	228	727422	48.021	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.033	149	412006	60.728	ng		100
85)	Di-n-octyl phthalate	14.651	149	612951	47.190	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.015	276	694035	49.737	ng		98
88)	Benzo(b)fluoranthene	15.098	252	606676	47.162	ng		99
89)	Benzo(k)fluoranthene	15.127	252	599534	51.980	ng		100
90)	Benzo(a)pyrene	15.469	252	577003	52.825	ng		99
91)	Dibenzo(a,h)anthracene	17.033	278	566090	49.227	ng		99
92)	Benzo(g,h,i)perylene	17.462	276	528854	44.554	ng		99

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

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