Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
Data File : BF139282.D
Acq On : 09 Sep 2024 14:45
Operator : RC/JU
Sample : PB163214BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 09 15:12:43 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 :
PB163214BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
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	121524	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	451152	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	247423	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	463457	20.000	ng	0.00
76) Chrysene-d12	14.057	240	229103	20.000	ng	0.00
86) Perylene-d12	15.527	264	221245	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1011327	139.217	ng	0.02
7) Phenol-d6	6.522	99	1346133	138.807	ng	0.00
23) Nitrobenzene-d5	7.457	82	866056	99.866	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	335784	157.163	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1560634	97.366	ng	0.00
79) Terphenyl-d14	13.004	244	1503770	105.977	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	127565	37.708	ng	99
3) Pyridine	3.516	79	340315	41.675	ng	99
4) n-Nitrosodimethylamine	3.481	42	239998	45.259	ng	100
6) Aniline	6.551	93	449876	50.447	ng	94
8) 2-Chlorophenol	6.675	128	373408	49.598	ng	97
9) Benzaldehyde	6.440	77	93185	15.874	ng	98
10) Phenol	6.534	94	492092	48.106	ng	94
11) bis(2-Chloroethyl)ether	6.628	93	355291	48.481	ng	99
12) 1,3-Dichlorobenzene	6.828	146	384512	45.122	ng	98
13) 1,4-Dichlorobenzene	6.904	146	389188	45.629	ng	99
14) 1,2-Dichlorobenzene	7.057	146	373700	46.977	ng	99
15) Benzyl Alcohol	7.034	79	354788	50.165	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	693816	49.733	ng	98
17) 2-Methylphenol	7.140	107	302638	49.211	ng	98
18) Hexachloroethane	7.404	117	145429	47.739	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	278676	49.894	ng	100
20) 3+4-Methylphenols	7.292	107	375859	48.494	ng	98
22) Acetophenone	7.298	105	509058	47.363	ng	98
24) Nitrobenzene	7.475	77	419551	45.581	ng	99
25) Isophorone	7.710	82	745997	50.315	ng	100
26) 2-Nitrophenol	7.787	139	191637	53.009	ng	100
27) 2,4-Dimethylphenol	7.822	122	311454	60.407	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	430051	48.684	ng	100
29) 2,4-Dichlorophenol	8.028	162	309779	50.180	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	321964	45.665	ng	99
31) Naphthalene	8.192	128	1087912	47.617	ng	100
32) Benzoic acid	7.945	122	223826	47.660	ng	99
33) 4-Chloroaniline	8.239	127	233170	29.475	ng	99
34) Hexachlorobutadiene	8.310	225	209566	46.907	ng	99
35) Caprolactam	8.616	113	99363m	51.991	ng	
36) 4-Chloro-3-methylphenol	8.722	107	338886	50.375	ng	99
37) 2-Methylnaphthalene	8.886	142	701139	49.051	ng	99
38) 1-Methylnaphthalene	8.986	142	655321	46.615	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	322566	46.079	ng	99
41) Hexachlorocyclopentadiene	9.039	237	408718	181.675	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	233117	50.897	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.204	196	241505	50.317	ng		100
46)	1,1'-Biphenyl	9.351	154	863058	47.080	ng		99
47)	2-Chloronaphthalene	9.375	162	651346	47.056	ng		100
48)	2-Nitroaniline	9.469	65	246287	51.657	ng		97
49)	Acenaphthylene	9.792	152	1072377	51.438	ng		100
50)	Dimethylphthalate	9.651	163	766963	51.143	ng		99
51)	2,6-Dinitrotoluene	9.716	165	166802	49.029	ng		96
52)	Acenaphthene	9.963	154	758414	54.847	ng		99
53)	3-Nitroaniline	9.881	138	135361	37.344	ng		100
54)	2,4-Dinitrophenol	9.986	184	185630	101.871	ng	#	69
55)	Dibenzofuran	10.133	168	981427	49.505	ng		100
56)	4-Nitrophenol	10.039	139	281066	105.057	ng		99
57)	2,4-Dinitrotoluene	10.116	165	230057	53.129	ng		98
58)	Fluorene	10.480	166	751211	48.873	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.251	232	201878	53.434	ng		100
60)	Diethylphthalate	10.351	149	771367	52.268	ng		99
61)	4-Chlorophenyl-phenyle...	10.469	204	364904	49.228	ng		98
62)	4-Nitroaniline	10.498	138	176628	51.191	ng		97
63)	Azobenzene	10.633	77	792621	50.958	ng		97
65)	4,6-Dinitro-2-methylph...	10.522	198	117139	54.701	ng		97
66)	n-Nitrosodiphenylamine	10.592	169	663458	49.179	ng		100
67)	4-Bromophenyl-phenylether	10.963	248	221647	49.292	ng		97
68)	Hexachlorobenzene	11.022	284	243401	47.284	ng		98
69)	Atrazine	11.116	200	211007	67.794	ng		100
70)	Pentachlorophenol	11.216	266	293006	98.538	ng		97
71)	Phenanthrene	11.439	178	1081340	49.945	ng		99
72)	Anthracene	11.492	178	1098698	51.948	ng		100
73)	Carbazole	11.645	167	984361	49.797	ng		99
74)	Di-n-butylphthalate	11.975	149	1126324	55.649	ng		100
75)	Fluoranthene	12.627	202	1094071	50.405	ng		99
77)	Benzidine	12.751	184	345841	74.970	ng		99
78)	Pyrene	12.857	202	1112324	50.260	ng		99
80)	Butylbenzylphthalate	13.474	149	332532	63.826	ng		99
81)	Benzo(a)anthracene	14.045	228	745401	50.953	ng		100
82)	3,3'-Dichlorobenzidine	14.004	252	168786	43.445	ng		99
83)	Chrysene	14.080	228	680006	49.804	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.033	149	361537	59.122	ng		99
85)	Di-n-octyl phthalate	14.651	149	610338	52.131	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.015	276	717280	51.896	ng		98
88)	Benzo(b)fluoranthene	15.098	252	698834	54.847	ng		99
89)	Benzo(k)fluoranthene	15.127	252	543526	47.576	ng		99
90)	Benzo(a)pyrene	15.468	252	597268	55.205	ng		99
91)	Dibenzo(a,h)anthracene	17.039	278	577715	50.720	ng		99
92)	Benzo(g,h,i)perylene	17.468	276	546573	46.488	ng		99

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

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