Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
Data File : BF138984.D
Acq On : 13 Aug 2024 20:33
Operator : RC/JU
Sample : PB162639BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 00:37:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB162639BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	43548	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	180110	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	99619	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	168574	20.000	ng		0.00
76) Chrysene-d12	14.004	240	80467	20.000	ng	#	0.00
86) Perylene-d12	15.463	264	79720	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	392880	139.265	ng		0.02
7) Phenol-d6	6.493	99	536440	141.630	ng		0.00
23) Nitrobenzene-d5	7.410	82	351049	95.293	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	120916	148.179	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	644018	97.134	ng		0.00
79) Terphenyl-d14	12.939	244	569871	118.572	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	45582	36.906	ng	#	95
3) Pyridine	3.457	79	120597	40.307	ng		96
4) n-Nitrosodimethylamine	3.428	42	105930	59.446	ng		84
6) Aniline	6.504	93	153168	45.345	ng	#	21
8) 2-Chlorophenol	6.634	128	165281	55.685	ng		97
9) Benzaldehyde	6.404	77	5296	2.333	ng		91
10) Phenol	6.504	94	214767	53.854	ng	#	75
11) bis(2-Chloroethyl)ether	6.581	93	154040	50.195	ng		99
12) 1,3-Dichlorobenzene	6.781	146	168944	50.849	ng		99
13) 1,4-Dichlorobenzene	6.857	146	174460	52.032	ng		100
14) 1,2-Dichlorobenzene	7.010	146	164702	52.561	ng		99
15) Benzyl Alcohol	6.992	79	157008	57.514	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.110	45	265374	50.247	ng	#	48
17) 2-Methylphenol	7.110	107	134873	55.030	ng	#	86
18) Hexachloroethane	7.345	117	66479	52.672	ng		100
19) n-Nitroso-di-n-propyla...	7.257	70	130615	57.096	ng		96
20) 3+4-Methylphenols	7.263	107	178043	56.618	ng	#	77
22) Acetophenone	7.251	105	224277	50.857	ng	#	98
24) Nitrobenzene	7.428	77	192638	51.389	ng		99
25) Isophorone	7.669	82	339785	54.016	ng		98
26) 2-Nitrophenol	7.739	139	87787	54.432	ng		90
27) 2,4-Dimethylphenol	7.781	122	113675	58.910	ng		95
28) bis(2-Chloroethoxy)met...	7.869	93	198656	51.859	ng		99
29) 2,4-Dichlorophenol	7.992	162	137959	55.639	ng		100
30) 1,2,4-Trichlorobenzene	8.063	180	148116	51.762	ng		99
31) Naphthalene	8.145	128	493069	52.009	ng		99
32) Benzoic acid	7.945	122	50396	33.224	ng		94
33) 4-Chloroaniline	8.198	127	81558	25.628	ng		98
34) Hexachlorobutadiene	8.251	225	90276	52.087	ng		98
35) Caprolactam	8.586	113	38688m	52.291	ng		
36) 4-Chloro-3-methylphenol	8.698	107	158678	55.996	ng		100
37) 2-Methylnaphthalene	8.834	142	321697	53.729	ng		99
38) 1-Methylnaphthalene	8.934	142	297909	50.776	ng		97
40) 1,2,4,5-Tetrachloroben...	8.998	216	137914	49.837	ng		98
41) Hexachlorocyclopentadiene	8.981	237	96190	126.855	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	86007	50.975	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	94117	51.025	ng		98
46) 1,1'-Biphenyl	9.298	154	383003	49.090	ng		98
47) 2-Chloronaphthalene	9.322	162	308808	53.219	ng		100
48) 2-Nitroaniline	9.428	65	112099	56.985	ng		92
49) Acenaphthylene	9.739	152	473576	57.544	ng		99
50) Dimethylphthalate	9.598	163	369382	57.990	ng		99
51) 2,6-Dinitrotoluene	9.669	165	80018	55.663	ng	#	83
52) Acenaphthene	9.910	154	289608	52.349	ng		99
53) 3-Nitroaniline	9.845	138	53294	35.862	ng		97
54) 2,4-Dinitrophenol	9.963	184	55276	83.531	ng	#	85
55) Dibenzofuran	10.081	168	436132	55.848	ng		98
56) 4-Nitrophenol	10.028	139	58043	64.950	ng		83
57) 2,4-Dinitrotoluene	10.081	165	104058	56.736	ng	#	79
58) Fluorene	10.428	166	349628	56.221	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	80201	56.873	ng		96
60) Diethylphthalate	10.298	149	364123	60.289	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	172650	56.448	ng		97
62) 4-Nitroaniline	10.463	138	70735m	50.087	ng		
63) Azobenzene	10.575	77	385087	57.488	ng		96
65) 4,6-Dinitro-2-methylph...	10.492	198	51509	50.084	ng		94
66) n-Nitrosodiphenylamine	10.539	169	292669	55.543	ng		98
67) 4-Bromophenyl-phenylether	10.904	248	99166	54.334	ng		98
68) Hexachlorobenzene	10.975	284	101413	53.815	ng		98
69) Atrazine	11.063	200	90421	66.512	ng		98
70) Pentachlorophenol	11.175	266	56680	66.729	ng		97
71) Phenanthrene	11.386	178	481504	55.471	ng		99
72) Anthracene	11.439	178	492652	57.612	ng		100
73) Carbazole	11.598	167	382215	51.808	ng		99
74) Di-n-butylphthalate	11.916	149	533350	64.309	ng		100
75) Fluoranthene	12.574	202	426435	52.624	ng		99
77) Benzidine	12.698	184	85720	44.538	ng		99
78) Pyrene	12.804	202	413651	54.599	ng		99
80) Butylbenzylphthalate	13.410	149	156151	64.363	ng		100
81) Benzo(a)anthracene	13.992	228	309147	55.791	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	64076	45.188	ng		99
83) Chrysene	14.027	228	277276	55.464	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	200120	56.330	ng		98
85) Di-n-octyl phthalate	14.574	149	322302	49.035	ng		98
87) Indeno(1,2,3-cd)pyrene	16.945	276	249244	43.627	ng		97
88) Benzo(b)fluoranthene	15.039	252	259715	52.554	ng		98
89) Benzo(k)fluoranthene	15.068	252	267525m	62.524	ng		
90) Benzo(a)pyrene	15.404	252	243735	58.635	ng		98
91) Dibenzo(a,h)anthracene	16.951	278	201703	43.010	ng		98
92) Benzo(g,h,i)perylene	17.386	276	183393	37.685	ng		95

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

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