Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138859.D
Acq On : 08 Aug 2024 11:50
Operator : RC/JU
Sample : PB162396BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 12:43:22 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 :
PB162396BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

08/09/2024

Supervised By :mohammad ahmed

08/09/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	48975	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	200583	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	111084	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	190386	20.000	ng		0.00
76) Chrysene-d12	13.998	240	93170	20.000	ng	#	0.00
86) Perylene-d12	15.457	264	85060	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	412007	129.861	ng		0.02
7) Phenol-d6	6.493	99	550936	129.339	ng		0.00
23) Nitrobenzene-d5	7.410	82	353559	86.179	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	128659	141.395	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	649976	87.914	ng		0.00
79) Terphenyl-d14	12.939	244	630811	113.357	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	44234	31.846	ng		95
3) Pyridine	3.469	79	112808	33.526	ng		96
4) n-Nitrosodimethylamine	3.434	42	100374	50.087	ng		84
6) Aniline	6.504	93	129267	34.028	ng	#	9
8) 2-Chlorophenol	6.634	128	161643	48.425	ng		97
9) Benzaldehyde	6.398	77	102623	40.190	ng		98
10) Phenol	6.504	94	209497	46.712	ng		83
11) bis(2-Chloroethyl)ether	6.581	93	151722	43.961	ng		96
12) 1,3-Dichlorobenzene	6.781	146	165858	44.389	ng		99
13) 1,4-Dichlorobenzene	6.857	146	166833	44.243	ng		98
14) 1,2-Dichlorobenzene	7.010	146	158692	45.031	ng		99
15) Benzyl Alcohol	6.993	79	153016	49.840	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	244845	41.223	ng	#	47
17) 2-Methylphenol	7.104	107	129730	47.066	ng	#	87
18) Hexachloroethane	7.345	117	64871	45.703	ng		98
19) n-Nitroso-di-n-propyla...	7.263	70	123251	47.906	ng		98
20) 3+4-Methylphenols	7.263	107	172962	48.908	ng	#	77
22) Acetophenone	7.257	105	218947	44.581	ng		96
24) Nitrobenzene	7.428	77	182946	43.822	ng		99
25) Isophorone	7.669	82	319805	45.651	ng		98
26) 2-Nitrophenol	7.745	139	85337	47.512	ng		97
27) 2,4-Dimethylphenol	7.781	122	111326	51.805	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	187384	43.924	ng		99
29) 2,4-Dichlorophenol	7.992	162	135766	49.165	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	142988	44.870	ng		99
31) Naphthalene	8.145	128	479490	45.415	ng		100
32) Benzoic acid	7.940	122	61773	36.568	ng		91
33) 4-Chloroaniline	8.198	127	77212	21.786	ng		98
34) Hexachlorobutadiene	8.251	225	89339	46.285	ng		97
35) Caprolactam	8.587	113	37542m	45.563	ng		
36) 4-Chloro-3-methylphenol	8.692	107	153702	48.703	ng		99
37) 2-Methylnaphthalene	8.834	142	306506	45.967	ng		99
38) 1-Methylnaphthalene	8.934	142	283618	43.406	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	134846	43.699	ng		99
41) Hexachlorocyclopentadiene	8.981	237	93371	111.331	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	86625	46.042	ng		99

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44) 2,4,5-Trichlorophenol	9.169	196	92085	44.771	ng		97
46) 1,1'-Biphenyl	9.298	154	366712	42.151	ng		98
47) 2-Chloronaphthalene	9.328	162	291030	44.979	ng		99
48) 2-Nitroaniline	9.428	65	106036	48.340	ng		96
49) Acenaphthylene	9.739	152	450596	49.101	ng		99
50) Dimethylphthalate	9.604	163	344070	48.441	ng		99
51) 2,6-Dinitrotoluene	9.669	165	75860	47.324	ng		90
52) Acenaphthene	9.910	154	274378	44.477	ng		99
53) 3-Nitroaniline	9.839	138	50225	30.309	ng		95
54) 2,4-Dinitrophenol	9.957	184	69903	94.732	ng		88
55) Dibenzofuran	10.086	168	408895	46.956	ng		99
56) 4-Nitrophenol	10.022	139	81137	81.421	ng		93
57) 2,4-Dinitrotoluene	10.081	165	102749	50.240	ng	#	83
58) Fluorene	10.428	166	329262	47.481	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	75948	48.299	ng		97
60) Diethylphthalate	10.298	149	337931	50.177	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	164682	48.286	ng		98
62) 4-Nitroaniline	10.463	138	69297	44.004	ng		87
63) Azobenzene	10.575	77	351540	47.064	ng		96
65) 4,6-Dinitro-2-methylph...	10.492	198	54943	47.303	ng		98
66) n-Nitrosodiphenylamine	10.539	169	280486	47.132	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	95289	46.228	ng		98
68) Hexachlorobenzene	10.975	284	97803	45.954	ng		96
69) Atrazine	11.063	200	83919	54.657	ng		98
70) Pentachlorophenol	11.175	266	76812	80.070	ng		99
71) Phenanthrene	11.386	178	470485	47.992	ng		100
72) Anthracene	11.439	178	474146	49.095	ng		100
73) Carbazole	11.598	167	400635	48.083	ng		99
74) Di-n-butylphthalate	11.916	149	505033	53.918	ng		100
75) Fluoranthene	12.575	202	439983	48.075	ng		99
77) Benzidine	12.698	184	35697	16.019	ng		98
78) Pyrene	12.804	202	432175	49.266	ng		100
80) Butylbenzylphthalate	13.410	149	148001	52.686	ng		97
81) Benzo(a)anthracene	13.986	228	313311	48.834	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	58380	35.557	ng		97
83) Chrysene	14.027	228	265703	45.903	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	169459	41.196	ng		98
85) Di-n-octyl phthalate	14.574	149	282594	37.132	ng		99
87) Indeno(1,2,3-cd)pyrene	16.933	276	292118	47.922	ng		96
88) Benzo(b)fluoranthene	15.033	252	283494	53.764	ng		98
89) Benzo(k)fluoranthene	15.063	252	226530	49.619	ng		97
90) Benzo(a)pyrene	15.398	252	233487	52.643	ng		98
91) Dibenzo(a,h)anthracene	16.945	278	236879	47.340	ng		98
92) Benzo(g,h,i)perylene	17.374	276	220293	42.426	ng		97

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

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