Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
Data File : BF138620.D
Acq On : 23 Jul 2024 16:01
Operator : RC/JU
Sample : P3302-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 23 16:26:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
285-290MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	75853	20.000	ng		-0.01
21) Naphthalene-d8	8.134	136	316790	20.000	ng		-0.02
39) Acenaphthene-d10	9.892	164	169643	20.000	ng		-0.01
64) Phenanthrene-d10	11.374	188	263718	20.000	ng		-0.01
76) Chrysene-d12	14.010	240	122216	20.000	ng		-0.02
86) Perylene-d12	15.474	264	150368	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	714207	149.121	ng		0.01
7) Phenol-d6	6.498	99	952141	149.441	ng		0.00
23) Nitrobenzene-d5	7.422	82	648931	100.575	ng		-0.01
42) 2,4,6-Tribromophenol	10.686	330	228829	144.328	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1082366	99.717	ng		-0.02
79) Terphenyl-d14	12.957	244	754107	100.521	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.875	88	92257m	43.493	ng		
3) Pyridine	3.569	79	215869	41.267	ng		97
4) n-Nitrosodimethylamine	3.499	42	177416	52.100	ng		91
6) Aniline	6.522	93	157714	26.428	ng	#	1
8) 2-Chlorophenol	6.645	128	295277	58.305	ng		98
9) Benzaldehyde	6.410	77	13576	3.981	ng		95
10) Phenol	6.516	94	374706	55.407	ng		96
11) bis(2-Chloroethyl)ether	6.598	93	288634	56.686	ng		98
12) 1,3-Dichlorobenzene	6.798	146	289571	50.868	ng		99
13) 1,4-Dichlorobenzene	6.875	146	293533	50.778	ng		99
14) 1,2-Dichlorobenzene	7.022	146	283645	52.683	ng		97
15) Benzyl Alcohol	7.004	79	288462	60.328	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.128	45	508522	50.786	ng		75
17) 2-Methylphenol	7.116	107	242032	58.314	ng	#	91
18) Hexachloroethane	7.363	117	110419	51.959	ng		95
19) n-Nitroso-di-n-propyla...	7.275	70	231349	58.765	ng		93
20) 3+4-Methylphenols	7.269	107	306078	58.562	ng		92
22) Acetophenone	7.269	105	384978	50.037	ng		100
24) Nitrobenzene	7.439	77	341829	52.133	ng		98
25) Isophorone	7.681	82	628034	56.679	ng		100
26) 2-Nitrophenol	7.751	139	160391	57.073	ng		95
27) 2,4-Dimethylphenol	7.792	122	211468m	61.224	ng		
28) bis(2-Chloroethoxy)met...	7.886	93	367122	55.439	ng		98
29) 2,4-Dichlorophenol	7.998	162	247901	55.269	ng		98
30) 1,2,4-Trichlorobenzene	8.075	180	250615	47.963	ng		98
31) Naphthalene	8.157	128	856623	51.993	ng		99
32) Benzoic acid	7.928	122	146395	44.438	ng		92
33) 4-Chloroaniline	8.204	127	64841	11.217	ng		99
34) Hexachlorobutadiene	8.269	225	147930	45.975	ng		98
35) Caprolactam	8.586	113	60272m	41.643	ng		
36) 4-Chloro-3-methylphenol	8.698	107	285547	56.865	ng		100
37) 2-Methylnaphthalene	8.851	142	559370	52.758	ng		99
38) 1-Methylnaphthalene	8.945	142	522562	50.501	ng		99
40) 1,2,4,5-Tetrachloroben...	9.016	216	232505	49.176	ng		99
41) Hexachlorocyclopentadiene	8.998	237	166144	108.262	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	166072	55.065	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	177218	53.425	ng		94
46) 1,1'-Biphenyl	9.316	154	659219	51.276	ng		99
47) 2-Chloronaphthalene	9.339	162	520951	53.638	ng		99
48) 2-Nitroaniline	9.439	65	196082	58.260	ng		97
49) Acenaphthylene	9.757	152	825771	59.885	ng		99
50) Dimethylphthalate	9.616	163	635701	57.952	ng		100
51) 2,6-Dinitrotoluene	9.680	165	138238	54.733	ng		89
52) Acenaphthene	9.928	154	508364	55.461	ng		99
53) 3-Nitroaniline	9.845	138	61340	23.696	ng		88
54) 2,4-Dinitrophenol	9.963	184	116681	85.724	ng		92
55) Dibenzofuran	10.098	168	727434	54.715	ng		99
56) 4-Nitrophenol	10.022	139	178454	93.429	ng		99
57) 2,4-Dinitrotoluene	10.086	165	179226	54.845	ng		94
58) Fluorene	10.439	166	567107	53.909	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	139574	53.315	ng		97
60) Diethylphthalate	10.316	149	592831	56.060	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	275637	52.180	ng		95
62) 4-Nitroaniline	10.469	138	126813	48.887	ng		98
63) Azobenzene	10.592	77	639161	56.217	ng		98
65) 4,6-Dinitro-2-methylph...	10.492	198	89227	58.597	ng		80
66) n-Nitrosodiphenylamine	10.551	169	489434	61.944	ng		98
67) 4-Bromophenyl-phenylether	10.922	248	159227	58.744	ng		98
68) Hexachlorobenzene	10.986	284	172900	57.419	ng		97
69) Atrazine	11.080	200	143495	54.777	ng		98
70) Pentachlorophenol	11.180	266	167078	93.769	ng		97
71) Phenanthrene	11.404	178	751013	56.369	ng		100
72) Anthracene	11.451	178	763973	57.765	ng		100
73) Carbazole	11.610	167	607675	51.128	ng		100
74) Di-n-butylphthalate	11.933	149	831736	60.711	ng		100
75) Fluoranthene	12.586	202	571137	42.011	ng		98
77) Benzidine	12.710	184	111819	36.264	ng		100
78) Pyrene	12.816	202	540263	43.547	ng		99
80) Butylbenzylphthalate	13.427	149	216055	57.891	ng		95
81) Benzo(a)anthracene	13.998	228	471989	57.555	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	75913	35.925	ng	#	97
83) Chrysene	14.039	228	415744	53.590	ng		100
84) Bis(2-ethylhexyl)phtha...	13.986	149	288661	72.521	ng		99
85) Di-n-octyl phthalate	14.598	149	534369	84.982	ng		99
87) Indeno(1,2,3-cd)pyrene	16.939	276	340502	33.712	ng		99
88) Benzo(b)fluoranthene	15.045	252	509747	60.195	ng		99
89) Benzo(k)fluoranthene	15.080	252	456222	55.239	ng		99
90) Benzo(a)pyrene	15.415	252	444663	59.774	ng		99
91) Dibenzo(a,h)anthracene	16.951	278	277681	33.609	ng		99
92) Benzo(g,h,i)perylene	17.374	276	238219	27.191	ng		96

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

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