Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
Data File : BF140055.D
Acq On : 26 Oct 2024 13:02
Operator : RC/JU
Sample : P4508-09MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 28 01:06:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BP-F22MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	158941	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	630402	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	353936	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	608132	20.000	ng		0.00
76) Chrysene-d12	14.051	240	290348	20.000	ng		0.00
86) Perylene-d12	15.527	264	321487	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	928462	91.449	ng		0.02
7) Phenol-d6	6.516	99	1206456	91.749	ng		0.00
23) Nitrobenzene-d5	7.451	82	764320	67.197	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	359775	108.673	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1328285	62.024	ng		0.00
79) Terphenyl-d14	12.998	244	1255023	70.434	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	182920	38.642	ng		95
3) Pyridine	3.534	79	468664	39.942	ng		97
4) n-Nitrosodimethylamine	3.493	42	252103	39.990	ng		97
6) Aniline	6.551	93	323350	26.385	ng		99
8) 2-Chlorophenol	6.675	128	468280	45.117	ng		97
9) Benzaldehyde	6.440	77	95064	12.851	ng		96
10) Phenol	6.528	94	584079m	43.085	ng		
11) bis(2-Chloroethyl)ether	6.622	93	452095	43.146	ng		100
12) 1,3-Dichlorobenzene	6.834	146	501388	42.082	ng		98
13) 1,4-Dichlorobenzene	6.910	146	507263	42.615	ng		99
14) 1,2-Dichlorobenzene	7.057	146	486434	43.786	ng		99
15) Benzyl Alcohol	7.028	79	436384	45.241	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	740558	41.449	ng		96
17) 2-Methylphenol	7.140	107	394701	44.597	ng		99
18) Hexachloroethane	7.404	117	182581	43.013	ng		95
19) n-Nitroso-di-n-propyla...	7.304	70	346335	43.427	ng		96
20) 3+4-Methylphenols	7.293	107	480605	42.455	ng	#	80
22) Acetophenone	7.298	105	645198	41.786	ng		99
24) Nitrobenzene	7.469	77	523352	41.967	ng		99
25) Isophorone	7.710	82	962345	44.577	ng		99
26) 2-Nitrophenol	7.787	139	250459	53.237	ng		96
27) 2,4-Dimethylphenol	7.822	122	401156	51.137	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	568033	43.429	ng		99
29) 2,4-Dichlorophenol	8.028	162	400785	44.854	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	413152	41.787	ng		99
31) Naphthalene	8.192	128	1380167	42.451	ng		100
32) Benzoic acid	7.940	122	285102	41.669	ng		96
33) 4-Chloroaniline	8.234	127	90435	8.157	ng		98
34) Hexachlorobutadiene	8.310	225	266223	42.855	ng		99
35) Caprolactam	8.616	113	127595m	44.910	ng		
36) 4-Chloro-3-methylphenol	8.722	107	438615	44.332	ng		96
37) 2-Methylnaphthalene	8.886	142	864302	43.406	ng		99
38) 1-Methylnaphthalene	8.986	142	804453	41.178	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	412044	43.152	ng		99
41) Hexachlorocyclopentadiene	9.039	237	453485	136.490	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	309843	45.832	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	314835	45.139	ng		98
46) 1,1'-Biphenyl	9.351	154	1048992	42.574	ng		99
47) 2-Chloronaphthalene	9.375	162	842414	42.450	ng		99
48) 2-Nitroaniline	9.469	65	287236	47.325	ng		92
49) Acenaphthylene	9.792	152	1297693	45.232	ng		99
50) Dimethylphthalate	9.651	163	992884	45.037	ng		100
51) 2,6-Dinitrotoluene	9.710	165	223888	46.903	ng		96
52) Acenaphthene	9.963	154	898799	48.429	ng		100
53) 3-Nitroaniline	9.875	138	101051	20.528	ng		99
54) 2,4-Dinitrophenol	9.986	184	219022	107.953	ng	#	1
55) Dibenzofuran	10.133	168	1139092	42.778	ng		100
56) 4-Nitrophenol	10.039	139	345200	91.150	ng		97
57) 2,4-Dinitrotoluene	10.116	165	296834	50.568	ng		98
58) Fluorene	10.481	166	865438	42.672	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	254129	46.478	ng		97
60) Diethylphthalate	10.351	149	955489	44.142	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	441636	43.120	ng		99
62) 4-Nitroaniline	10.498	138	212705	45.752	ng		96
63) Azobenzene	10.628	77	1036180	45.153	ng		96
65) 4,6-Dinitro-2-methylph...	10.522	198	156748	63.191	ng		92
66) n-Nitrosodiphenylamine	10.586	169	805647	44.263	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	286410	45.717	ng		99
68) Hexachlorobenzene	11.028	284	317854	45.112	ng		95
69) Atrazine	11.116	200	264780	53.703	ng		99
70) Pentachlorophenol	11.216	266	365065	85.371	ng		99
71) Phenanthrene	11.439	178	1247853	43.440	ng		100
72) Anthracene	11.492	178	1267626	45.229	ng		100
73) Carbazole	11.645	167	1083216	41.557	ng		99
74) Di-n-butylphthalate	11.975	149	1390634	46.178	ng		100
75) Fluoranthene	12.627	202	1160864	39.976	ng		99
77) Benzidine	12.745	184	247576	51.856	ng		100
78) Pyrene	12.857	202	1134921	44.655	ng		100
80) Butylbenzylphthalate	13.469	149	448387	58.847	ng		99
81) Benzo(a)anthracene	14.045	228	870442	46.053	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	137287	24.912	ng		99
83) Chrysene	14.080	228	777702	44.877	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	565771	66.182	ng		99
85) Di-n-octyl phthalate	14.645	149	898167	57.764	ng		97
87) Indeno(1,2,3-cd)pyrene	17.027	276	861923	41.675	ng		98
88) Benzo(b)fluoranthene	15.098	252	817520	41.745	ng		99
89) Benzo(k)fluoranthene	15.127	252	800696	47.409	ng		99
90) Benzo(a)pyrene	15.468	252	786707	48.821	ng		99
91) Dibenzo(a,h)anthracene	17.051	278	719689	41.713	ng		98
92) Benzo(g,h,i)perylene	17.480	276	602315	34.949	ng		99

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

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