Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133225.D
Acq On : 04 May 2023 11:38
Operator : CG\JU
Sample : PB152560BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 04 11:58:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 04 11:25:48 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB152560BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	196512	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	813125	20.000	ng		0.00
39) Acenaphthene-d10	9.769	164	451047	20.000	ng		0.00
64) Phenanthrene-d10	11.251	188	829508	20.000	ng		0.00
76) Chrysene-d12	13.886	240	514871	20.000	ng		0.00
86) Perylene-d12	15.298	264	434057	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1384161	106.402	ng		0.02
7) Phenol-d6	6.375	99	1704379	105.556	ng		0.00
23) Nitrobenzene-d5	7.298	82	1039006	68.971	ng		0.00
42) 2,4,6-Tribromophenol	10.557	330	466527	102.847	ng		0.00
45) 2-Fluorobiphenyl	9.092	172	1842685	68.348	ng		0.00
79) Terphenyl-d14	12.833	244	2101910	70.408	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.469	88	246437	40.842	ng		98
3) Pyridine	3.163	79	608453	37.966	ng		97
4) n-Nitrosodimethylamine	3.122	42	347377	41.848	ng		95
6) Aniline	6.392	93	799659	38.452	ng	#	60
8) 2-Chlorophenol	6.516	128	604661	45.779	ng		97
9) Benzaldehyde	6.275	77	349885	51.980	ng		97
10) Phenol	6.386	94	753100	42.279	ng	#	70
11) bis(2-Chloroethyl)ether	6.469	93	589102	44.072	ng		98
12) 1,3-Dichlorobenzene	6.669	146	638507	45.469	ng		99
13) 1,4-Dichlorobenzene	6.745	146	640194	45.488	ng		97
14) 1,2-Dichlorobenzene	6.898	146	601730	46.376	ng		97
15) Benzyl Alcohol	6.875	79	499541	44.788	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.010	45	991867	42.723	ng		97
17) 2-Methylphenol	6.992	107	514114	42.508	ng		99
18) Hexachloroethane	7.239	117	231015	47.213	ng		94
19) n-Nitroso-di-n-propyla...	7.151	70	416219	41.406	ng		97
20) 3+4-Methylphenols	7.145	107	616402	43.277	ng		95
22) Acetophenone	7.139	105	831061	44.121	ng	#	97
24) Nitrobenzene	7.316	77	637119	41.737	ng		99
25) Isophorone	7.557	82	1235593	43.200	ng		100
26) 2-Nitrophenol	7.633	139	352795	47.916	ng		92
27) 2,4-Dimethylphenol	7.675	122	589863	46.721	ng		99
28) bis(2-Chloroethoxy)met...	7.769	93	745677	44.069	ng		99
29) 2,4-Dichlorophenol	7.875	162	532560	46.337	ng		99
30) 1,2,4-Trichlorobenzene	7.957	180	538970	45.265	ng		100
31) Naphthalene	8.039	128	1751336	43.079	ng		99
32) Benzoic acid	7.816	122	408357	52.364	ng		98
33) 4-Chloroaniline	8.086	127	522502	31.810	ng		99
34) Hexachlorobutadiene	8.157	225	297505	45.081	ng		98
35) Caprolactam	8.469	113	204013m	52.839	ng		
36) 4-Chloro-3-methylphenol	8.575	107	585804	47.265	ng		97
37) 2-Methylnaphthalene	8.728	142	1173768	42.231	ng		98
38) 1-Methylnaphthalene	8.828	142	1113123	42.811	ng		99
40) 1,2,4,5-Tetrachloroben...	8.898	216	479525	39.541	ng		99
41) Hexachlorocyclopentadiene	8.880	237	626316	88.554	ng		100
43) 2,4,6-Trichlorophenol	9.010	196	368260	43.909	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	399077	41.143	ng		97
46) 1,1'-Biphenyl	9.192	154	1485361	41.530	ng		99
47) 2-Chloronaphthalene	9.216	162	1121338	42.835	ng		100
48) 2-Nitroaniline	9.310	65	377494	43.632	ng		93
49) Acenaphthylene	9.627	152	1768564	42.281	ng		100
50) Dimethylphthalate	9.498	163	1363606	43.357	ng		99
51) 2,6-Dinitrotoluene	9.557	165	318567	45.004	ng		93
52) Acenaphthene	9.804	154	1290080m	46.049	ng		
53) 3-Nitroaniline	9.722	138	302184	35.903	ng		99
54) 2,4-Dinitrophenol	9.833	184	357217	100.395	ng		98
55) Dibenzofuran	9.975	168	1585278	41.483	ng		98
56) 4-Nitrophenol	9.898	139	561734	86.170	ng		94
57) 2,4-Dinitrotoluene	9.963	165	422985	46.856	ng		90
58) Fluorene	10.316	166	1178602	42.096	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.092	232	345702	45.972	ng		97
60) Diethylphthalate	10.198	149	1319671	44.423	ng		98
61) 4-Chlorophenyl-phenyle...	10.310	204	564960	41.407	ng		99
62) 4-Nitroaniline	10.345	138	370229	47.859	ng		96
63) Azobenzene	10.469	77	1309718	41.618	ng		99
65) 4,6-Dinitro-2-methylph...	10.369	198	247479	49.222	ng		82
66) n-Nitrosodiphenylamine	10.433	169	1116383	41.490	ng		99
67) 4-Bromophenyl-phenylether	10.798	248	377711	41.984	ng		97
68) Hexachlorobenzene	10.863	284	394781	42.824	ng		94
69) Atrazine	10.963	200	400176	51.615	ng		99
70) Pentachlorophenol	11.063	266	470003	71.588	ng		97
71) Phenanthrene	11.274	178	1815251	40.716	ng		99
72) Anthracene	11.327	178	1863904	40.851	ng		99
73) Carbazole	11.480	167	1750791	43.094	ng		99
74) Di-n-butylphthalate	11.816	149	2112464	45.947	ng		99
75) Fluoranthene	12.463	202	1840498	41.133	ng		97
77) Benzidine	12.586	184	1232778	141.589	ng	#	93
78) Pyrene	12.686	202	1887773	42.771	ng		99
80) Butylbenzylphthalate	13.310	149	835491	53.463	ng		96
81) Benzo(a)anthracene	13.874	228	1434551	40.517	ng		99
82) 3,3'-Dichlorobenzidine	13.839	252	365940	37.413	ng		99
83) Chrysene	13.910	228	1454242	41.083	ng		99
84) Bis(2-ethylhexyl)phtha...	13.874	149	929785	47.401	ng		100
85) Di-n-octyl phthalate	14.480	149	1661439	51.946	ng		97
87) Indeno(1,2,3-cd)pyrene	16.680	276	1138110	46.096	ng		99
88) Benzo(b)fluoranthene	14.898	252	1265770	45.838	ng		99
89) Benzo(k)fluoranthene	14.927	252	1242928	45.406	ng		99
90) Benzo(a)pyrene	15.245	252	1050051	41.777	ng		98
91) Dibenzo(a,h)anthracene	16.692	278	939535	45.625	ng		99
92) Benzo(g,h,i)perylene	17.098	276	945581	46.511	ng		97

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

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