Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
Data File : BF136202.D
Acq On : 25 Nov 2023 03:57
Operator : CG\JU
Sample : PB157233BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 27 02:14:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 23:44:28 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157233BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023

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11/27/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	132867	20.000	ng		0.00
21) Naphthalene-d8	8.086	136	587081	20.000	ng		0.00
39) Acenaphthene-d10	9.845	164	304752	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	585163	20.000	ng		0.00
76) Chrysene-d12	13.986	240	292959	20.000	ng		0.00
86) Perylene-d12	15.462	264	291896	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1305574	156.456	ng		0.02
7) Phenol-d6	6.451	99	1595712	155.401	ng		0.00
23) Nitrobenzene-d5	7.375	82	967868	91.998	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	511400	160.224	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	2018960	97.929	ng		0.00
79) Terphenyl-d14	12.933	244	2340209	113.390	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	148040	44.302	ng		96
3) Pyridine	3.404	79	318122	35.431	ng		95
4) n-Nitrosodimethylamine	3.375	42	204280	49.602	ng		95
6) Aniline	6.475	93	495852	38.100	ng		99
8) 2-Chlorophenol	6.592	128	479758	53.407	ng		98
10) Phenol	6.463	94	613286	54.689	ng		93
11) bis(2-Chloroethyl)ether	6.551	93	438234	53.172	ng		97
12) 1,3-Dichlorobenzene	6.751	146	517535	54.617	ng		95
13) 1,4-Dichlorobenzene	6.828	146	525563	55.314	ng		95
14) 1,2-Dichlorobenzene	6.975	146	495286	55.459	ng		93
15) Benzyl Alcohol	6.951	79	355923	46.345	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.087	45	603118	56.015	ng		98
17) 2-Methylphenol	7.063	107	390690	52.127	ng		95
18) Hexachloroethane	7.316	117	183438	52.903	ng		98
19) n-Nitroso-di-n-propyla...	7.228	70	339886	57.341	ng		95
20) 3+4-Methylphenols	7.216	107	490268	52.414	ng		95
22) Acetophenone	7.222	105	717023	52.899	ng	#	96
24) Nitrobenzene	7.392	77	490659	47.923	ng		97
25) Isophorone	7.628	82	905629	49.881	ng		95
26) 2-Nitrophenol	7.704	139	222139	44.765	ng		99
27) 2,4-Dimethylphenol	7.745	122	409964	49.184	ng		90
28) bis(2-Chloroethoxy)met...	7.839	93	540396	49.354	ng		94
29) 2,4-Dichlorophenol	7.945	162	392518	48.296	ng		94
30) 1,2,4-Trichlorobenzene	8.028	180	454648	50.241	ng		94
31) Naphthalene	8.110	128	1471846	50.894	ng		96
32) Benzoic acid	7.875	122	254479	42.015	ng		94
33) 4-Chloroaniline	8.157	127	412759	34.410	ng		97
34) Hexachlorobutadiene	8.228	225	254627	46.287	ng		97
35) Caprolactam	8.528	113	128800m	54.734	ng		
36) 4-Chloro-3-methylphenol	8.645	107	426495	49.981	ng		98
37) 2-Methylnaphthalene	8.798	142	913953	47.135	ng		91
38) 1-Methylnaphthalene	8.898	142	858603	47.726	ng		88
40) 1,2,4,5-Tetrachloroben...	8.963	216	441824	48.374	ng		98
41) Hexachlorocyclopentadiene	8.951	237	533092	113.186	ng		94
43) 2,4,6-Trichlorophenol	9.081	196	267821	46.830	ng		95
44) 2,4,5-Trichlorophenol	9.128	196	313384	47.566	ng	#	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.269	154	1232404	51.536	ng		96
47) 2-Chloronaphthalene	9.292	162	918401	52.543	ng		93
48) 2-Nitroaniline	9.386	65	262157	49.192	ng		84
49) Acenaphthylene	9.704	152	1389152	51.487	ng		96
50) Dimethylphthalate	9.575	163	1070202	51.975	ng		97
51) 2,6-Dinitrotoluene	9.633	165	213153	47.706	ng		95
52) Acenaphthene	9.880	154	841481m	46.826	ng		
53) 3-Nitroaniline	9.804	138	192076	40.320	ng		94
54) 2,4-Dinitrophenol	9.910	184	216734	98.014	ng		94
55) Dibenzofuran	10.051	168	1293195	51.759	ng		98
56) 4-Nitrophenol	9.969	139	318237	100.528	ng		96
57) 2,4-Dinitrotoluene	10.039	165	301441	53.120	ng		98
58) Fluorene	10.398	166	992516	52.340	ng		90
59) 2,3,4,6-Tetrachlorophenol	10.169	232	262779	52.625	ng		95
60) Diethylphthalate	10.275	149	1058315	51.233	ng		95
61) 4-Chlorophenyl-phenyle...	10.386	204	478193	49.607	ng		97
62) 4-Nitroaniline	10.422	138	218279	50.276	ng		94
63) Azobenzene	10.551	77	981736	54.318	ng		94
65) 4,6-Dinitro-2-methylph...	10.445	198	148224	44.399	ng		97
66) n-Nitrosodiphenylamine	10.510	169	874404	47.100	ng		92
67) 4-Bromophenyl-phenylether	10.880	248	301319	46.235	ng		96
68) Hexachlorobenzene	10.939	284	344201	49.747	ng		97
69) Atrazine	11.039	200	167988	35.718	ng		95
70) Pentachlorophenol	11.139	266	358815	92.723	ng		97
71) Phenanthrene	11.363	178	1557757	51.985	ng		96
72) Anthracene	11.410	178	1604685	52.462	ng		95
73) Carbazole	11.569	167	1318182	53.782	ng		98
74) Di-n-butylphthalate	11.904	149	1664313	57.400	ng	#	96
75) Fluoranthene	12.551	202	1507412	55.086	ng		96
77) Benzidine	12.674	184	269072	53.042	ng		98
78) Pyrene	12.780	202	1494444	54.552	ng		95
80) Butylbenzylphthalate	13.410	149	493267	56.507	ng		93
81) Benzo(a)anthracene	13.974	228	1007156	51.831	ng		95
82) 3,3'-Dichlorobenzidine	13.939	252	314992	50.495	ng		95
83) Chrysene	14.010	228	977319	51.409	ng		96
84) Bis(2-ethylhexyl)phtha...	13.974	149	626013	59.415	ng		95
85) Di-n-octyl phthalate	14.592	149	980817	55.600	ng		98
87) Indeno(1,2,3-cd)pyrene	16.974	276	1069925	50.027	ng		98
88) Benzo(b)fluoranthene	15.027	252	961115	59.638	ng		96
89) Benzo(k)fluoranthene	15.063	252	901187	55.531	ng		96
90) Benzo(a)pyrene	15.404	252	829303	52.173	ng		95
91) Dibenzo(a,h)anthracene	16.998	278	882461	49.787	ng		97
92) Benzo(g,h,i)perylene	17.439	276	849904	47.295	ng		94

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

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