Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136162.D
Acq On : 06 Nov 2023 18:59
Operator : CG\JU
Sample : 05257-05MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 06 23:30:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 06 00:53:35 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-2MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023

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11/08/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	84798	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	326584	20.000	ng	#	0.00
39) Acenaphthene-d10	9.863	164	167090	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	266358	20.000	ng		0.00
76) Chrysene-d12	14.010	240	168860	20.000	ng		0.00
86) Perylene-d12	15.498	264	162522	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	602360	111.625	ng		0.01
7) Phenol-d6	6.457	99	743962	110.651	ng		0.00
23) Nitrobenzene-d5	7.386	82	466639	86.135	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	208128	116.698	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	886940	84.617	ng		0.00
79) Terphenyl-d14	12.951	244	758175	69.775	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	88896	37.831	ng		99
3) Pyridine	3.404	79	217607	33.928	ng		95
4) n-Nitrosodimethylamine	3.375	42	123223	45.950	ng	#	85
6) Aniline	6.487	93	268899	30.891	ng		99
8) 2-Chlorophenol	6.604	128	278091	48.202	ng		99
9) Benzaldehyde	6.369	77	55918	14.915	ng		98
10) Phenol	6.475	94	327402m	47.080	ng		
11) bis(2-Chloroethyl)ether	6.563	93	250219	45.961	ng		98
12) 1,3-Dichlorobenzene	6.763	146	292387	48.694	ng		97
13) 1,4-Dichlorobenzene	6.839	146	293318	48.743	ng		98
14) 1,2-Dichlorobenzene	6.986	146	277604	49.336	ng		95
15) Benzyl Alcohol	6.963	79	234461	49.181	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.098	45	331864	44.287	ng		100
17) 2-Methylphenol	7.075	107	211999	43.316	ng		95
18) Hexachloroethane	7.328	117	104287	49.307	ng		99
19) n-Nitroso-di-n-propyla...	7.239	70	176976	46.068	ng		96
20) 3+4-Methylphenols	7.228	107	266448	44.646	ng		97
22) Acetophenone	7.234	105	371515	51.302	ng	#	92
24) Nitrobenzene	7.404	77	273124	49.840	ng		93
25) Isophorone	7.639	82	495546	48.451	ng		97
26) 2-Nitrophenol	7.716	139	138836	55.529	ng	#	85
27) 2,4-Dimethylphenol	7.757	122	208182	44.063	ng		97
28) bis(2-Chloroethoxy)met...	7.857	93	299465	47.787	ng		98
29) 2,4-Dichlorophenol	7.957	162	228119	51.217	ng		95
30) 1,2,4-Trichlorobenzene	8.045	180	245133	50.451	ng		99
31) Naphthalene	8.128	128	763253	48.465	ng		99
32) Benzoic acid	7.881	122	172076	45.735	ng		89
33) 4-Chloroaniline	8.169	127	82496	11.962	ng		99
34) Hexachlorobutadiene	8.239	225	149181	53.538	ng		99
35) Caprolactam	8.551	113	73280m	50.598	ng		
36) 4-Chloro-3-methylphenol	8.657	107	241130	51.567	ng		97
37) 2-Methylnaphthalene	8.816	142	494532	46.832	ng		99
38) 1-Methylnaphthalene	8.916	142	480910	48.938	ng		100
40) 1,2,4,5-Tetrachloroben...	8.980	216	243130	51.021	ng		99
41) Hexachlorocyclopentadiene	8.969	237	167514	65.799	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	157027	50.539	ng		98

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44) 2,4,5-Trichlorophenol	9.139	196	169554	47.110	ng		98
46) 1,1'-Biphenyl	9.286	154	643646	50.531	ng		98
47) 2-Chloronaphthalene	9.310	162	481028	51.227	ng		99
48) 2-Nitroaniline	9.404	65	143248	51.547	ng		100
49) Acenaphthylene	9.722	152	759293	51.833	ng		99
50) Dimethylphthalate	9.586	163	562869	51.070	ng		99
51) 2,6-Dinitrotoluene	9.651	165	122860	52.120	ng		100
52) Acenaphthene	9.898	154	445292	47.817	ng		99
53) 3-Nitroaniline	9.816	138	83369	30.310	ng		94
54) 2,4-Dinitrophenol	9.922	184	83828	67.049	ng	#	84
55) Dibenzofuran	10.069	168	662544	48.792	ng		95
56) 4-Nitrophenol	9.980	139	186350	90.575	ng	#	78
57) 2,4-Dinitrotoluene	10.051	165	158420	53.116	ng		96
58) Fluorene	10.416	166	507306	49.898	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	137066	47.902	ng		97
60) Diethylphthalate	10.292	149	536740	50.969	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	249659	49.194	ng		90
62) 4-Nitroaniline	10.433	138	111321	42.031	ng		91
63) Azobenzene	10.569	77	481356	47.463	ng		97
65) 4,6-Dinitro-2-methylph...	10.457	198	57823	40.533	ng		73
66) n-Nitrosodiphenylamine	10.527	169	444761	55.353	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	154369	55.278	ng	#	93
68) Hexachlorobenzene	10.957	284	165737	55.570	ng	#	86
69) Atrazine	11.057	200	152260	69.647	ng		97
70) Pentachlorophenol	11.157	266	178386	93.131	ng		98
71) Phenanthrene	11.380	178	715998	53.388	ng		99
72) Anthracene	11.427	178	690315	50.233	ng		100
73) Carbazole	11.586	167	561955	47.057	ng		98
74) Di-n-butylphthalate	11.927	149	742586	54.419	ng		99
75) Fluoranthene	12.574	202	680233	49.373	ng		96
77) Benzidine	12.698	184	271143	82.384	ng		100
78) Pyrene	12.804	202	673497	45.239	ng		99
80) Butylbenzylphthalate	13.433	149	251615	47.216	ng		99
81) Benzo(a)anthracene	13.998	228	577155	51.628	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	170070	47.665	ng	#	99
83) Chrysene	14.039	228	558229	50.705	ng		99
84) Bis(2-ethylhexyl)phtha...	14.004	149	320131	51.562	ng		98
85) Di-n-octyl phthalate	14.621	149	563651	60.602	ng		100
87) Indeno(1,2,3-cd)pyrene	17.009	276	393803	37.075	ng		95
88) Benzo(b)fluoranthene	15.062	252	593108	61.675	ng		99
89) Benzo(k)fluoranthene	15.092	252	462100	48.564	ng		99
90) Benzo(a)pyrene	15.439	252	444333m	49.727	ng		
91) Dibenzo(a,h)anthracene	17.033	278	323674	37.201	ng		97
92) Benzo(g,h,i)perylene	17.468	276	299110	31.269	ng		96

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

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