Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132524.D
Acq On : 23 Feb 2023 17:08
Operator : CG\JU
Sample : 01657-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 24 00:38:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 23 00:59:42 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
02/24/2023
Supervised By :Jagrut Upadhyay
02/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.007	152	172340	20.000	ng		0.00
21) Naphthalene-d8	8.295	136	660041	20.000	ng		0.00
39) Acenaphthene-d10	10.060	164	366933	20.000	ng		0.00
64) Phenanthrene-d10	11.554	188	694008	20.000	ng		0.00
76) Chrysene-d12	14.213	240	331401	20.000	ng		0.00
86) Perylene-d12	15.760	264	347220	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.649	112	1085042	102.181	ng		0.01
7) Phenol-d6	6.643	99	1426254	102.916	ng		0.00
23) Nitrobenzene-d5	7.578	82	954012	68.575	ng		0.00
42) 2,4,6-Tribromophenol	10.854	330	417091	105.254	ng		0.00
45) 2-Fluorobiphenyl	9.372	172	1536383	63.755	ng		0.00
79) Terphenyl-d14	13.142	244	1711024	87.293	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.984	88	252981	43.069	ng		99
3) Pyridine	3.731	79	642338	41.198	ng		99
4) n-Nitrosodimethylamine	3.696	42	285711	48.513	ng		99
6) Aniline	6.672	93	676518	36.274	ng		99
8) 2-Chlorophenol	6.796	128	563965	51.172	ng		99
9) Benzaldehyde	6.560	77	330853	44.243	ng		96
10) Phenol	6.654	94	740721	46.620	ng		98
11) bis(2-Chloroethyl)ether	6.743	93	599741	48.896	ng		97
12) 1,3-Dichlorobenzene	6.948	146	586781	49.614	ng		97
13) 1,4-Dichlorobenzene	7.025	146	582823	49.352	ng		98
14) 1,2-Dichlorobenzene	7.178	146	564390	49.798	ng		98
15) Benzyl Alcohol	7.154	79	537865	50.395	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.278	45	782031	49.999	ng		96
17) 2-Methylphenol	7.260	107	469721	45.668	ng		99
18) Hexachloroethane	7.525	117	234252	50.773	ng		95
19) n-Nitroso-di-n-propyla...	7.425	70	399109	46.794	ng		98
20) 3+4-Methylphenols	7.413	107	545483	41.050	ng		95
22) Acetophenone	7.419	105	741391	44.546	ng	#	94
24) Nitrobenzene	7.595	77	670953	45.095	ng		95
25) Isophorone	7.831	82	1215307	45.564	ng		98
26) 2-Nitrophenol	7.913	139	304882	46.443	ng		98
27) 2,4-Dimethylphenol	7.943	122	472785	45.631	ng		97
28) bis(2-Chloroethoxy)met...	8.037	93	714407	45.787	ng		100
29) 2,4-Dichlorophenol	8.154	162	475038	46.091	ng		98
30) 1,2,4-Trichlorobenzene	8.237	180	523026	46.734	ng		98
31) Naphthalene	8.319	128	1498255	44.340	ng		99
32) Benzoic acid	8.072	122	359292m	44.325	ng		
33) 4-Chloroaniline	8.360	127	169135	11.681	ng		97
34) Hexachlorobutadiene	8.431	225	340846	47.928	ng		99
35) Caprolactam	8.754	113	166386m	48.968	ng		
36) 4-Chloro-3-methylphenol	8.854	107	537519	47.489	ng		98
37) 2-Methylnaphthalene	9.013	142	1011445	43.923	ng		99
38) 1-Methylnaphthalene	9.113	142	932696	43.341	ng		99
40) 1,2,4,5-Tetrachloroben...	9.178	216	539152	44.910	ng		99
41) Hexachlorocyclopentadiene	9.166	237	640387	98.347	ng		98
43) 2,4,6-Trichlorophenol	9.290	196	372584	45.795	ng		98

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44) 2,4,5-Trichlorophenol	9.337	196	408645	43.035	ng		98
46) 1,1'-Biphenyl	9.478	154	1216535	43.803	ng		99
47) 2-Chloronaphthalene	9.507	162	992541	45.076	ng		99
48) 2-Nitroaniline	9.601	65	352982	43.525	ng		100
49) Acenaphthylene	9.925	152	1525030	43.517	ng		99
50) Dimethylphthalate	9.778	163	1208591	45.236	ng		100
51) 2,6-Dinitrotoluene	9.842	165	275472	45.274	ng		98
52) Acenaphthene	10.095	154	1088680m	48.924	ng		
53) 3-Nitroaniline	10.013	138	171891	25.254	ng		99
54) 2,4-Dinitrophenol	10.119	184	307968	80.312	ng		92
55) Dibenzofuran	10.266	168	1407739	43.394	ng		97
56) 4-Nitrophenol	10.184	139	422815	83.298	ng		95
57) 2,4-Dinitrotoluene	10.248	165	371445	45.887	ng		97
58) Fluorene	10.613	166	1094119	44.093	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.384	232	333263	47.246	ng		99
60) Diethylphthalate	10.478	149	1192703	45.709	ng		99
61) 4-Chlorophenyl-phenyle...	10.601	204	563199	43.751	ng		97
62) 4-Nitroaniline	10.636	138	283048	42.365	ng		97
63) Azobenzene	10.760	77	1324600	47.932	ng		96
65) 4,6-Dinitro-2-methylph...	10.660	198	213108	45.361	ng		98
66) n-Nitrosodiphenylamine	10.719	169	973324	44.986	ng		100
67) 4-Bromophenyl-phenylether	11.095	248	363819	46.345	ng		97
68) Hexachlorobenzene	11.160	284	402316	48.704	ng	#	90
69) Atrazine	11.248	200	338831	50.163	ng		98
70) Pentachlorophenol	11.360	266	412313	83.895	ng		98
71) Phenanthrene	11.583	178	1609630	44.770	ng		99
72) Anthracene	11.636	178	1635832	44.184	ng		100
73) Carbazole	11.789	167	1460205	43.744	ng		100
74) Di-n-butylphthalate	12.107	149	1823037	46.559	ng		100
75) Fluoranthene	12.778	202	1671904	42.538	ng		98
77) Benzidine	12.895	184	593397	73.556	ng		99
78) Pyrene	13.007	202	1662980	55.193	ng		100
80) Butylbenzylphthalate	13.613	149	627936	52.812	ng		95
81) Benzo(a)anthracene	14.201	228	1145012	46.177	ng		98
82) 3,3'-Dichlorobenzidine	14.160	252	195672	26.766	ng	#	98
83) Chrysene	14.236	228	1064833	45.923	ng		99
84) Bis(2-ethylhexyl)phtha...	14.172	149	766170	52.455	ng		100
85) Di-n-octyl phthalate	14.795	149	1122499	52.590	ng		100
87) Indeno(1,2,3-cd)pyrene	17.371	276	1261336	55.440	ng		99
88) Benzo(b)fluoranthene	15.301	252	1028931	44.219	ng		99
89) Benzo(k)fluoranthene	15.330	252	1007203	44.228	ng		98
90) Benzo(a)pyrene	15.695	252	943960	43.345	ng		100
91) Dibenzo(a,h)anthracene	17.395	278	1033684	55.763	ng		97
92) Benzo(g,h,i)perylene	17.865	276	1054625	50.264	ng		99

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

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