Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132595.D
Acq On : 01 Mar 2023 17:15
Operator : CG\JU
Sample : 01739-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 02 03:18:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 23:17:30 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-COMP-1MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/02/2023
Supervised By :Jagrut Upadhyay 03/02/2023

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.004	152	173761	20.000	ng		0.00
21) Naphthalene-d8	8.292	136	635382	20.000	ng		0.00
39) Acenaphthene-d10	10.051	164	285795	20.000	ng		0.00
64) Phenanthrene-d10	11.545	188	449080	20.000	ng		0.00
76) Chrysene-d12	14.210	240	374893	20.000	ng		0.00
86) Perylene-d12	15.757	264	278996	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.640	112	1165945	108.902	ng		0.00
7) Phenol-d6	6.634	99	1444175	103.356	ng		0.00
23) Nitrobenzene-d5	7.569	82	950809	70.998	ng		0.00
42) 2,4,6-Tribromophenol	10.845	330	294181	95.313	ng		0.00
45) 2-Fluorobiphenyl	9.363	172	1426220	75.986	ng		0.00
79) Terphenyl-d14	13.133	244	1353357	61.036	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.934	88	276203	46.638	ng		97
3) Pyridine	3.693	79	707318	44.994	ng		96
4) n-Nitrosodimethylamine	3.657	42	274149	46.169	ng		89
6) Aniline	6.669	93	660512	35.126	ng		94
8) 2-Chlorophenol	6.792	128	550060	49.502	ng		96
9) Benzaldehyde	6.557	77	287131	38.083	ng		96
10) Phenol	6.645	94	702230	43.836	ng		97
11) bis(2-Chloroethyl)ether	6.734	93	608219	49.182	ng		96
12) 1,3-Dichlorobenzene	6.945	146	580008	48.640	ng		98
13) 1,4-Dichlorobenzene	7.022	146	579656	48.683	ng		99
14) 1,2-Dichlorobenzene	7.175	146	573368	50.177	ng		98
15) Benzyl Alcohol	7.145	79	504155	46.850	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.275	45	733298	46.499	ng		99
17) 2-Methylphenol	7.251	107	445392	42.948	ng		95
18) Hexachloroethane	7.516	117	227412	48.888	ng		97
19) n-Nitroso-di-n-propyla...	7.416	70	362837	42.194	ng		94
20) 3+4-Methylphenols	7.404	107	534650	39.905	ng	#	81
22) Acetophenone	7.410	105	714146	44.574	ng	#	91
24) Nitrobenzene	7.587	77	618441	43.179	ng		97
25) Isophorone	7.822	82	1132874	44.122	ng		99
26) 2-Nitrophenol	7.904	139	299547	47.401	ng		95
27) 2,4-Dimethylphenol	7.934	122	463228	46.444	ng		99
28) bis(2-Chloroethoxy)met...	8.028	93	690875	45.997	ng		98
29) 2,4-Dichlorophenol	8.145	162	448427	45.197	ng		98
30) 1,2,4-Trichlorobenzene	8.228	180	508355	47.186	ng		100
31) Naphthalene	8.316	128	1444762	44.417	ng		99
32) Benzoic acid	8.045	122	317548	41.010	ng		97
33) 4-Chloroaniline	8.357	127	281499	20.195	ng		94
34) Hexachlorobutadiene	8.422	225	317497	46.377	ng		100
35) Caprolactam	8.734	113	139901m	42.772	ng		
36) 4-Chloro-3-methylphenol	8.839	107	439405	40.328	ng		94
37) 2-Methylnaphthalene	9.004	142	921745	41.582	ng		99
38) 1-Methylnaphthalene	9.104	142	849940	41.028	ng		100
40) 1,2,4,5-Tetrachloroben...	9.169	216	476702	50.981	ng		99
41) Hexachlorocyclopentadiene	9.157	237	285020	56.199	ng		99
43) 2,4,6-Trichlorophenol	9.281	196	303308	47.864	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.328	196	317419	42.918	ng		98
46) 1,1'-Biphenyl	9.469	154	1083035	50.068	ng		98
47) 2-Chloronaphthalene	9.498	162	848087	49.450	ng		98
48) 2-Nitroaniline	9.592	65	266015	42.114	ng		90
49) Acenaphthylene	9.916	152	1244618	45.599	ng		99
50) Dimethylphthalate	9.763	163	996603	47.892	ng		99
51) 2,6-Dinitrotoluene	9.833	165	213487	45.048	ng		87
52) Acenaphthene	10.086	154	801142	46.223	ng		100
53) 3-Nitroaniline	10.004	138	174576	32.931	ng		97
54) 2,4-Dinitrophenol	10.110	184	147860	50.214	ng		93
55) Dibenzofuran	10.257	168	1127898	44.638	ng		100
56) 4-Nitrophenol	10.163	139	305790	77.346	ng		93
57) 2,4-Dinitrotoluene	10.239	165	266854	42.325	ng		87
58) Fluorene	10.604	166	821468	42.503	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.375	232	235877	42.934	ng		98
60) Diethylphthalate	10.463	149	904007	44.481	ng		100
61) 4-Chlorophenyl-phenyle...	10.592	204	441619	44.046	ng		93
62) 4-Nitroaniline	10.616	138	178486	34.299	ng		93
63) Azobenzene	10.751	77	930109	43.213	ng		98
65) 4,6-Dinitro-2-methylph...	10.645	198	100722	33.132	ng		96
66) n-Nitrosodiphenylamine	10.710	169	723821	51.700	ng		99
67) 4-Bromophenyl-phenylether	11.086	248	256285	50.452	ng		94
68) Hexachlorobenzene	11.151	284	271593	50.811	ng	#	93
69) Atrazine	11.233	200	227141	51.968	ng		100
70) Pentachlorophenol	11.351	266	282648	88.878	ng		98
71) Phenanthrene	11.575	178	1132293	48.670	ng		98
72) Anthracene	11.622	178	1124528	46.939	ng		99
73) Carbazole	11.780	167	1014301	46.959	ng		99
74) Di-n-butylphthalate	12.098	149	1223661	48.296	ng		99
75) Fluoranthene	12.769	202	1279010	50.290	ng		99
77) Benzidine	12.886	184	709136	77.705	ng		100
78) Pyrene	12.998	202	1340999	39.344	ng		99
80) Butylbenzylphthalate	13.610	149	550998	40.965	ng		97
81) Benzo(a)anthracene	14.198	228	1305519	46.542	ng		99
82) 3,3'-Dichlorobenzidine	14.151	252	414353	50.104	ng		100
83) Chrysene	14.233	228	1203665	45.888	ng		99
84) Bis(2-ethylhexyl)phtha...	14.163	149	750167	45.401	ng		99
85) Di-n-octyl phthalate	14.792	149	1095553	45.373	ng		99
87) Indeno(1,2,3-cd)pyrene	17.362	276	751111	41.087	ng		98
88) Benzo(b)fluoranthene	15.292	252	975349	52.166	ng		99
89) Benzo(k)fluoranthene	15.327	252	909715	49.715	ng		99
90) Benzo(a)pyrene	15.692	252	793271	45.333	ng		99
91) Dibenzo(a,h)anthracene	17.380	278	627080	42.101	ng		97
92) Benzo(g,h,i)perylene	17.851	276	597438	35.913	ng		98

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

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