Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
Data File : BF130639.D
Acq On : 12 Oct 2022 20:11
Operator : CG\JU
Sample : N5019-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 13 05:47:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-COMPMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.593	152	88489	20.000	ng		0.00
21) Naphthalene-d8	7.869	136	345911	20.000	ng		0.00
39) Acenaphthene-d10	9.622	164	179485	20.000	ng		0.00
64) Phenanthrene-d10	11.098	188	293373	20.000	ng		0.00
76) Chrysene-d12	13.727	240	148632	20.000	ng		0.00
86) Perylene-d12	15.098	264	161571	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.216	112	770675	156.989	ng		0.03
7) Phenol-d6	6.245	99	897720	145.448	ng		0.00
23) Nitrobenzene-d5	7.163	82	633389	99.960	ng		0.00
42) 2,4,6-Tribromophenol	10.410	330	319524	181.935	ng		0.00
45) 2-Fluorobiphenyl	8.951	172	1266314	106.869	ng		0.00
79) Terphenyl-d14	12.680	244	1110755	124.035	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.375	88	94143	31.698	ng	#	84
3) Pyridine	3.016	79	185490	34.915	ng		100
4) n-Nitrosodimethylamine	2.946	42	134367	53.680	ng		93
6) Aniline	6.257	93	159748	21.618	ng	#	1
8) 2-Chlorophenol	6.381	128	302281	52.360	ng		96
9) Benzaldehyde	6.145	77	78470	20.236	ng		98
10) Phenol	6.257	94	320154	44.830	ng		94
11) bis(2-Chloroethyl)ether	6.340	93	279402	53.860	ng		97
12) 1,3-Dichlorobenzene	6.528	146	308766	48.847	ng		99
13) 1,4-Dichlorobenzene	6.610	146	318033	49.594	ng		97
14) 1,2-Dichlorobenzene	6.757	146	306587	51.335	ng		99
15) Benzyl Alcohol	6.751	79	206118	46.514	ng		97
16) 2,2'-oxybis(1-Chloropr...	6.875	45	334800	50.165	ng		68
17) 2-Methylphenol	6.863	107	256589	55.874	ng		95
18) Hexachloroethane	7.098	117	120236	49.562	ng		95
19) n-Nitroso-di-n-propyla...	7.022	70	205733	51.664	ng		97
20) 3+4-Methylphenols	7.022	107	297066	48.275	ng	#	90
22) Acetophenone	7.010	105	439338	52.945	ng		97
24) Nitrobenzene	7.181	77	312117	48.980	ng		99
25) Isophorone	7.422	82	549280	52.084	ng		99
26) 2-Nitrophenol	7.498	139	164173	52.536	ng		98
27) 2,4-Dimethylphenol	7.545	122	252955	58.077	ng		99
28) bis(2-Chloroethoxy)met...	7.634	93	347052	56.834	ng		99
29) 2,4-Dichlorophenol	7.739	162	251615	51.634	ng		99
30) 1,2,4-Trichlorobenzene	7.816	180	270537	51.497	ng		99
31) Naphthalene	7.892	128	878849	49.082	ng		99
32) Benzoic acid	7.657	122	11532	4.185	ng		94
33) 4-Chloroaniline	7.951	127	84232	12.144	ng		99
34) Hexachlorobutadiene	8.010	225	171690	52.655	ng		97
35) Caprolactam	8.339	113	61757m	42.122	ng		
36) 4-Chloro-3-methylphenol	8.451	107	262800	49.718	ng		96
37) 2-Methylnaphthalene	8.586	142	594039	52.718	ng		98
38) 1-Methylnaphthalene	8.681	142	561446	51.326	ng		100
40) 1,2,4,5-Tetrachloroben...	8.751	216	280630	57.628	ng		98
41) Hexachlorocyclopentadiene	8.734	237	215255	111.215	ng		98
43) 2,4,6-Trichlorophenol	8.869	196	173547	53.078	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	8.916	196	187245	52.074	ng		99
46)	1,1'-Biphenyl	9.051	154	733200	56.367	ng		99
47)	2-Chloronaphthalene	9.075	162	569626	53.582	ng		99
48)	2-Nitroaniline	9.181	65	160076	50.020	ng		98
49)	Acenaphthylene	9.486	152	820531	51.512	ng		99
50)	Dimethylphthalate	9.363	163	650024	52.318	ng		99
51)	2,6-Dinitrotoluene	9.422	165	146770	53.853	ng		98
52)	Acenaphthene	9.657	154	507420	52.578	ng		99
53)	3-Nitroaniline	9.592	138	94178	31.524	ng		96
54)	2,4-Dinitrophenol	9.704	184	22471	20.148	ng		93
55)	Dibenzofuran	9.828	168	779819	53.042	ng		98
56)	4-Nitrophenol	9.769	139	133659	81.142	ng		92
57)	2,4-Dinitrotoluene	9.828	165	183648	52.431	ng	#	91
58)	Fluorene	10.169	166	631824	52.273	ng		99
59)	2,3,4,6-Tetrachlorophenol	9.951	232	146859	51.230	ng		96
60)	Diethylphthalate	10.057	149	628391	50.691	ng		99
61)	4-Chlorophenyl-phenyle...	10.163	204	305572	55.919	ng		97
62)	4-Nitroaniline	10.204	138	116197	40.738	ng		96
63)	Azobenzene	10.322	77	567738	48.625	ng		98
65)	4,6-Dinitro-2-methylph...	10.233	198	37222	20.303	ng		98
66)	n-Nitrosodiphenylamine	10.286	169	525379	53.837	ng		99
67)	4-Bromophenyl-phenylether	10.651	248	194689	58.651	ng		95
68)	Hexachlorobenzene	10.710	284	218731	58.290	ng		96
69)	Atrazine	10.822	200	159530	60.033	ng		98
70)	Pentachlorophenol	10.910	266	137086	93.866	ng		97
71)	Phenanthrene	11.122	178	843970	51.924	ng		98
72)	Anthracene	11.175	178	836937	52.723	ng		99
73)	Carbazole	11.339	167	699082	49.353	ng		99
74)	Di-n-butylphthalate	11.669	149	873544	50.911	ng		100
75)	Fluoranthene	12.304	202	749916	48.005	ng		99
77)	Benzidine	12.433	184	80508	21.430	ng		99
78)	Pyrene	12.533	202	725819	56.605	ng		99
80)	Butylbenzylphthalate	13.157	149	260705	52.875	ng		96
81)	Benzo(a)anthracene	13.716	228	521199	52.042	ng		100
82)	3,3'-Dichlorobenzidine	13.686	252	106413	36.770	ng		98
83)	Chrysene	13.751	228	488028	51.395	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.716	149	306277	51.238	ng		98
85)	Di-n-octyl phthalate	14.327	149	509332	55.637	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.392	276	660620	54.628	ng		98
88)	Benzo(b)fluoranthene	14.721	252	556833	54.426	ng		99
89)	Benzo(k)fluoranthene	14.751	252	547822	52.587	ng		98
90)	Benzo(a)pyrene	15.045	252	496154	58.268	ng		99
91)	Dibenzo(a,h)anthracene	16.404	278	584640	58.980	ng		98
92)	Benzo(g,h,i)perylene	16.774	276	554824	60.095	ng		98

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

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