Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
Data File : BF132381.D
Acq On : 09 Feb 2023 16:30
Operator : CG\JU
Sample : 01508-09MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 10 01:00:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 09 01:56:26 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RS-3MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/10/2023
Supervised By :Jagrut Upadhyay 02/10/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.048	152	135082	20.000	ng		0.00
21) Naphthalene-d8	8.337	136	511450	20.000	ng	#	0.00
39) Acenaphthene-d10	10.101	164	262876	20.000	ng		0.00
64) Phenanthrene-d10	11.595	188	501659	20.000	ng		0.00
76) Chrysene-d12	14.254	240	265930	20.000	ng		0.00
86) Perylene-d12	15.824	264	299493	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.678	112	962332	114.512	ng		0.02
7) Phenol-d6	6.672	99	1162964	112.248	ng		0.00
23) Nitrobenzene-d5	7.613	82	697858	75.929	ng		0.00
42) 2,4,6-Tribromophenol	10.895	330	416359	154.018	ng		0.00
45) 2-Fluorobiphenyl	9.413	172	1355916	79.653	ng		0.00
79) Terphenyl-d14	13.183	244	1509519	109.804	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.996	88	156737	39.637	ng		94
3) Pyridine	3.749	79	318965m	29.733	ng		
4) n-Nitrosodimethylamine	3.713	42	131507	38.311	ng		93
6) Aniline	6.719	93	242684m	17.261	ng		
8) 2-Chlorophenol	6.831	128	441549	50.730	ng		94
9) Benzaldehyde	6.596	77	210741	34.835	ng		96
10) Phenol	6.684	94	464765	43.340	ng		97
11) bis(2-Chloroethyl)ether	6.778	93	458811m	51.986	ng		
12) 1,3-Dichlorobenzene	6.990	146	460371	50.010	ng		98
13) 1,4-Dichlorobenzene	7.066	146	461451	50.218	ng		99
14) 1,2-Dichlorobenzene	7.219	146	445715	52.011	ng		98
15) Benzyl Alcohol	7.184	79	280481	37.101	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.319	45	362861	39.024	ng		93
17) 2-Methylphenol	7.290	107	331864	43.558	ng		99
18) Hexachloroethane	7.560	117	172586	50.066	ng		96
19) n-Nitroso-di-n-propyla...	7.460	70	231918	39.408	ng	#	94
20) 3+4-Methylphenols	7.443	107	414856	42.662	ng		94
22) Acetophenone	7.454	105	537860	44.718	ng		98
24) Nitrobenzene	7.631	77	388058	41.329	ng		95
25) Isophorone	7.866	82	721688	41.371	ng		96
26) 2-Nitrophenol	7.948	139	233958	51.154	ng	#	90
27) 2,4-Dimethylphenol	7.978	122	379514	47.407	ng		99
28) bis(2-Chloroethoxy)met...	8.072	93	469578	43.804	ng		99
29) 2,4-Dichlorophenol	8.190	162	354995	49.947	ng		98
30) 1,2,4-Trichlorobenzene	8.272	180	387516	50.915	ng		98
31) Naphthalene	8.360	128	1155724	45.907	ng		100
32) Benzoic acid	8.090	122	265235	44.761	ng		91
33) 4-Chloroaniline	8.437	127	110500m	9.898	ng		
34) Hexachlorobutadiene	8.466	225	231163	54.026	ng		99
35) Caprolactam	8.772	113	118895m	49.069	ng		
36) 4-Chloro-3-methylphenol	8.878	107	363032	47.412	ng		96
37) 2-Methylnaphthalene	9.048	142	790240	46.341	ng		100
38) 1-Methylnaphthalene	9.148	142	727803	45.926	ng		99
40) 1,2,4,5-Tetrachloroben...	9.213	216	370289	50.055	ng		99
41) Hexachlorocyclopentadiene	9.201	237	517527	119.909	ng		100
43) 2,4,6-Trichlorophenol	9.325	196	267971	50.675	ng		98

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44)	2,4,5-Trichlorophenol	9.372	196	282851	46.472	ng		94
46)	1,1'-Biphenyl	9.513	154	964198	47.576	ng		97
47)	2-Chloronaphthalene	9.542	162	742772	48.120	ng		100
48)	2-Nitroaniline	9.637	65	182036	39.653	ng	#	77
49)	Acenaphthylene	9.960	152	1173206	46.570	ng		99
50)	Dimethylphthalate	9.813	163	884899	48.123	ng		99
51)	2,6-Dinitrotoluene	9.878	165	204681	49.840	ng	#	80
52)	Acenaphthene	10.137	154	841051	53.326	ng		99
53)	3-Nitroaniline	10.048	138	165134	33.157	ng		99
54)	2,4-Dinitrophenol	10.154	184	251905	104.420	ng		93
55)	Dibenzofuran	10.307	168	1027601	46.372	ng		99
56)	4-Nitrophenol	10.201	139	333847	89.080	ng		94
57)	2,4-Dinitrotoluene	10.284	165	276630	51.854	ng	#	84
58)	Fluorene	10.654	166	812553	47.645	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.419	232	228203	51.430	ng		98
60)	Diethylphthalate	10.513	149	911135	49.808	ng		99
61)	4-Chlorophenyl-phenyle...	10.637	204	398343	49.216	ng		96
62)	4-Nitroaniline	10.666	138	182803	38.276	ng		95
63)	Azobenzene	10.801	77	815851	45.787	ng		94
65)	4,6-Dinitro-2-methylph...	10.689	198	156591	54.998	ng		99
66)	n-Nitrosodiphenylamine	10.760	169	713519	45.422	ng		100
67)	4-Bromophenyl-phenylether	11.131	248	256526	49.937	ng		97
68)	Hexachlorobenzene	11.201	284	292153	53.210	ng		93
69)	Atrazine	11.284	200	239477	53.001	ng		98
70)	Pentachlorophenol	11.395	266	325641	86.319	ng		99
71)	Phenanthrene	11.619	178	1219424	46.517	ng		99
72)	Anthracene	11.672	178	1248980	46.816	ng		100
73)	Carbazole	11.825	167	1072867	44.850	ng		100
74)	Di-n-butylphthalate	12.148	149	1413546	49.984	ng		99
75)	Fluoranthene	12.819	202	1194660	44.658	ng		98
77)	Benzidine	12.948	184	25575	2.751	ng		97
78)	Pyrene	13.048	202	1185803	55.440	ng		100
80)	Butylbenzylphthalate	13.660	149	538939	57.031	ng		91
81)	Benzo(a)anthracene	14.242	228	894631	48.100	ng		99
82)	3,3'-Dichlorobenzidine	14.201	252	287389	48.512	ng		98
83)	Chrysene	14.283	228	834873	47.937	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.213	149	738943	57.851	ng	#	99
85)	Di-n-octyl phthalate	14.842	149	1072827	51.495	ng	#	96
87)	Indeno(1,2,3-cd)pyrene	17.460	276	1146465	57.611	ng		95
88)	Benzo(b)fluoranthene	15.354	252	941100	49.435	ng		97
89)	Benzo(k)fluoranthene	15.389	252	818750	45.057	ng		98
90)	Benzo(a)pyrene	15.760	252	805658	45.447	ng		98
91)	Dibenzo(a,h)anthracene	17.477	278	925854	57.867	ng		98
92)	Benzo(g,h,i)perylene	17.960	276	920271	55.676	ng		95

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

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