Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
Data File : BF132151.D
Acq On : 19 Jan 2023 18:03
Operator : CG\JU
Sample : PB150317BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 20 01:20:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 00:50:42 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB150317BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.090	152	189742	20.000	ng		0.00
21) Naphthalene-d8	8.378	136	690482	20.000	ng		0.00
39) Acenaphthene-d10	10.148	164	385764	20.000	ng		0.00
64) Phenanthrene-d10	11.642	188	750849	20.000	ng		0.00
76) Chrysene-d12	14.307	240	440697	20.000	ng		0.00
86) Perylene-d12	15.901	264	370362	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.725	112	1260956	116.091	ng		0.02
7) Phenol-d6	6.707	99	1647351	120.483	ng		0.00
23) Nitrobenzene-d5	7.660	82	1077318	82.885	ng		0.00
42) 2,4,6-Tribromophenol	10.942	330	530360	128.711	ng		0.00
45) 2-Fluorobiphenyl	9.460	172	1767859	66.964	ng		0.00
79) Terphenyl-d14	13.236	244	2202066	83.701	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	190071	34.541	ng		100
3) Pyridine	3.849	79	452223	30.613	ng		98
4) n-Nitrosodimethylamine	3.813	42	295120	42.480	ng		98
6) Aniline	6.748	93	511882m	27.029	ng		
8) 2-Chlorophenol	6.872	128	511753	44.823	ng		99
9) Benzaldehyde	6.643	77	177384	20.166	ng		97
10) Phenol	6.719	94	598652	42.058	ng		96
11) bis(2-Chloroethyl)ether	6.819	93	511736	42.468	ng		99
12) 1,3-Dichlorobenzene	7.031	146	544968	42.701	ng		99
13) 1,4-Dichlorobenzene	7.107	146	551065	43.272	ng		98
14) 1,2-Dichlorobenzene	7.260	146	532781	45.245	ng		97
15) Benzyl Alcohol	7.225	79	469717m	44.913	ng		
16) 2,2'-oxybis(1-Chloropr...	7.360	45	747219	42.666	ng		99
17) 2-Methylphenol	7.331	107	408710	40.862	ng		98
18) Hexachloroethane	7.607	117	204746	44.788	ng		95
19) n-Nitroso-di-n-propyla...	7.501	70	341992	40.834	ng		97
20) 3+4-Methylphenols	7.484	107	512374	40.653	ng		97
22) Acetophenone	7.501	105	653043	39.350	ng	#	97
24) Nitrobenzene	7.678	77	563492	40.945	ng		96
25) Isophorone	7.913	82	1033917	40.654	ng		98
26) 2-Nitrophenol	7.990	139	246797	47.281	ng		95
27) 2,4-Dimethylphenol	8.019	122	464462	42.206	ng		99
28) bis(2-Chloroethoxy)met...	8.119	93	594344	38.951	ng		99
29) 2,4-Dichlorophenol	8.231	162	437757	41.901	ng		98
30) 1,2,4-Trichlorobenzene	8.319	180	475972	40.111	ng		100
31) Naphthalene	8.401	128	1373774	38.740	ng		99
32) Benzoic acid	8.131	122	331288	45.564	ng		92
33) 4-Chloroaniline	8.442	127	165945	10.935	ng		94
34) Hexachlorobutadiene	8.513	225	325819	40.873	ng		99
35) Caprolactam	8.813	113	149827m	50.571	ng		
36) 4-Chloro-3-methylphenol	8.913	107	449945	42.796	ng		97
37) 2-Methylnaphthalene	9.095	142	907900	37.186	ng		100
38) 1-Methylnaphthalene	9.195	142	861644	37.929	ng		98
40) 1,2,4,5-Tetrachloroben...	9.260	216	487560	36.326	ng		99
41) Hexachlorocyclopentadiene	9.248	237	588846	80.396	ng		97
43) 2,4,6-Trichlorophenol	9.366	196	338694	40.660	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.413	196	372320	38.217	ng		97
46)	1,1'-Biphenyl	9.560	154	1122103	36.870	ng		99
47)	2-Chloronaphthalene	9.589	162	879709	37.392	ng		97
48)	2-Nitroaniline	9.678	65	309842	41.543	ng		94
49)	Acenaphthylene	10.007	152	1390076	36.934	ng		99
50)	Dimethylphthalate	9.860	163	1084730	38.824	ng		100
51)	2,6-Dinitrotoluene	9.919	165	243040	44.880	ng		90
52)	Acenaphthene	10.184	154	943902	41.695	ng		97
53)	3-Nitroaniline	10.089	138	152037	26.259	ng		98
54)	2,4-Dinitrophenol	10.195	184	264071	102.910	ng	#	47
55)	Dibenzofuran	10.354	168	1294173	36.993	ng		96
56)	4-Nitrophenol	10.242	139	387752	92.020	ng		85
57)	2,4-Dinitrotoluene	10.325	165	319127	49.094	ng		98
58)	Fluorene	10.701	166	977514	37.709	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.466	232	320270	43.217	ng		99
60)	Diethylphthalate	10.560	149	1093027	39.894	ng		99
61)	4-Chlorophenyl-phenyle...	10.683	204	517233	37.262	ng		97
62)	4-Nitroaniline	10.713	138	237640	44.087	ng		99
63)	Azobenzene	10.848	77	1048334	38.125	ng		98
65)	4,6-Dinitro-2-methylph...	10.736	198	169412	46.282	ng		97
66)	n-Nitrosodiphenylamine	10.807	169	885918	36.841	ng		100
67)	4-Bromophenyl-phenylether	11.183	248	347416	37.960	ng		94
68)	Hexachlorobenzene	11.248	284	366112	40.251	ng		95
69)	Atrazine	11.325	200	233463	31.468	ng		100
70)	Pentachlorophenol	11.442	266	452755	77.459	ng		99
71)	Phenanthrene	11.672	178	1498869	38.039	ng		99
72)	Anthracene	11.725	178	1510831	37.901	ng		99
73)	Carbazole	11.872	167	1397881	41.053	ng		99
74)	Di-n-butylphthalate	12.195	149	1631131	43.031	ng		99
75)	Fluoranthene	12.866	202	1667208	41.191	ng		99
77)	Benzidine	12.983	184	196141	14.824	ng		99
78)	Pyrene	13.101	202	1680909	41.387	ng		99
80)	Butylbenzylphthalate	13.707	149	603266	45.740	ng		98
81)	Benzo(a)anthracene	14.295	228	1236536	39.276	ng		100
82)	3,3'-Dichlorobenzidine	14.254	252	264863	30.208	ng		99
83)	Chrysene	14.336	228	1140517	38.058	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.266	149	751505	42.811	ng		99
85)	Di-n-octyl phthalate	14.907	149	991725	40.095	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.571	276	1276526	43.507	ng		100
88)	Benzo(b)fluoranthene	15.418	252	1063793	47.175	ng		99
89)	Benzo(k)fluoranthene	15.454	252	1010290	43.929	ng		99
90)	Benzo(a)pyrene	15.836	252	924681	42.627	ng		100
91)	Dibenzo(a,h)anthracene	17.595	278	1069833	48.809	ng		98
92)	Benzo(g,h,i)perylene	18.083	276	1134559	45.015	ng		99

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

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