Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
Data File : BF132152.D
Acq On : 19 Jan 2023 18:36
Operator : CG\JU
Sample : SP6108
Misc : 8270/625 SPIKE
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 20 01:21:09 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 :
SP6108

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	143645	20.000	ng		0.00
21) Naphthalene-d8	8.378	136	525806	20.000	ng		0.00
39) Acenaphthene-d10	10.142	164	285552	20.000	ng		0.00
64) Phenanthrene-d10	11.642	188	575690	20.000	ng		0.00
76) Chrysene-d12	14.307	240	337444	20.000	ng		0.00
86) Perylene-d12	15.901	264	291956	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.000	112	0d	0.000	ng		
7) Phenol-d6	0.000	99	0d	0.000	ng		
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng		
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	0.000	244	0d	0.000	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.131	88	239571	57.507	ng		100
3) Pyridine	3.854	79	583254	52.154	ng		100
4) n-Nitrosodimethylamine	3.819	42	303642	57.732	ng		99
6) Aniline	6.748	93	607577	42.377	ng		99
8) 2-Chlorophenol	6.872	128	529031	61.206	ng		96
9) Benzaldehyde	6.643	77	464164	69.702	ng		99
10) Phenol	6.713	94	660255	61.271	ng		96
11) bis(2-Chloroethyl)ether	6.819	93	520093	57.013	ng		96
12) 1,3-Dichlorobenzene	7.031	146	566824	58.666	ng		99
13) 1,4-Dichlorobenzene	7.107	146	565472	58.653	ng		99
14) 1,2-Dichlorobenzene	7.260	146	541348	60.725	ng		98
15) Benzyl Alcohol	7.225	79	472919m	59.731	ng		
16) 2,2'-oxybis(1-Chloropr...	7.360	45	764169	57.636	ng		99
17) 2-Methylphenol	7.331	107	404567	53.427	ng		99
18) Hexachloroethane	7.607	117	210859	60.928	ng		95
19) n-Nitroso-di-n-propyla...	7.495	70	342210	53.972	ng		98
20) 3+4-Methylphenols	7.478	107	510103	53.461	ng		96
22) Acetophenone	7.495	105	662930	52.456	ng	#	95
24) Nitrobenzene	7.672	77	582274	55.561	ng		98
25) Isophorone	7.913	82	1057197	54.589	ng		97
26) 2-Nitrophenol	7.989	139	253963	62.808	ng		97
27) 2,4-Dimethylphenol	8.013	122	474861	56.666	ng		100
28) bis(2-Chloroethoxy)met...	8.119	93	601463	51.762	ng		99
29) 2,4-Dichlorophenol	8.231	162	439736	55.272	ng		97
30) 1,2,4-Trichlorobenzene	8.319	180	486191	53.804	ng		99
31) Naphthalene	8.401	128	1405754	52.057	ng		99
32) Benzoic acid	8.125	122	330087	57.195	ng		91
33) 4-Chloroaniline	8.442	127	264133	22.856	ng		96
34) Hexachlorobutadiene	8.513	225	326596	53.801	ng		99
35) Caprolactam	8.825	113	148598m	65.865	ng		
36) 4-Chloro-3-methylphenol	8.913	107	452185	56.479	ng		97
37) 2-Methylnaphthalene	9.095	142	927070	49.863	ng		99
38) 1-Methylnaphthalene	9.195	142	854718	49.408	ng		97
40) 1,2,4,5-Tetrachloroben...	9.260	216	495038	49.826	ng		99
41) Hexachlorocyclopentadiene	9.248	237	667383	123.097	ng		97
43) 2,4,6-Trichlorophenol	9.366	196	342511	55.548	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.401	196	372068	51.595	ng		97
46)	1,1'-Biphenyl	9.560	154	1138785	50.550	ng		99
47)	2-Chloronaphthalene	9.589	162	904399	51.933	ng		99
48)	2-Nitroaniline	9.678	65	311813	55.568	ng		96
49)	Acenaphthylene	10.007	152	1424356	51.127	ng		99
50)	Dimethylphthalate	9.854	163	1089551	52.683	ng		99
51)	2,6-Dinitrotoluene	9.919	165	242257	60.435	ng		90
52)	Acenaphthene	10.178	154	949086	56.637	ng		99
53)	3-Nitroaniline	10.089	138	162058	37.813	ng		95
54)	2,4-Dinitrophenol	10.195	184	255501	132.705	ng	#	47
55)	Dibenzofuran	10.354	168	1284749	49.611	ng		96
56)	4-Nitrophenol	10.242	139	389145	124.760	ng		89
57)	2,4-Dinitrotoluene	10.325	165	321591	66.836	ng		96
58)	Fluorene	10.701	166	963566	50.215	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.466	232	318525	58.066	ng		99
60)	Diethylphthalate	10.560	149	1073482	52.931	ng		99
61)	4-Chlorophenyl-phenyle...	10.683	204	515506	50.170	ng		98
62)	4-Nitroaniline	10.713	138	235886	59.119	ng		99
63)	Azobenzene	10.848	77	1030668	50.636	ng		98
65)	4,6-Dinitro-2-methylph...	10.730	198	172136	58.794	ng		91
66)	n-Nitrosodiphenylamine	10.801	169	870814	47.232	ng		99
67)	4-Bromophenyl-phenylether	11.178	248	341040	48.601	ng		99
68)	Hexachlorobenzene	11.248	284	370231	53.088	ng		96
69)	Atrazine	11.330	200	326149	57.336	ng		98
70)	Pentachlorophenol	11.442	266	446011	99.522	ng		99
71)	Phenanthrene	11.672	178	1497590	49.571	ng		99
72)	Anthracene	11.725	178	1521565	49.784	ng		99
73)	Carbazole	11.872	167	1389642	53.229	ng		99
74)	Di-n-butylphthalate	12.195	149	1614067	55.537	ng		99
75)	Fluoranthene	12.866	202	1675284	53.984	ng		99
77)	Benzidine	12.983	184	1038167	102.469	ng		100
78)	Pyrene	13.101	202	1677367	53.936	ng		99
80)	Butylbenzylphthalate	13.713	149	623126	60.683	ng		91
81)	Benzo(a)anthracene	14.295	228	1303083	54.054	ng		99
82)	3,3'-Dichlorobenzidine	14.248	252	166047	24.733	ng	#	98
83)	Chrysene	14.336	228	1187453	51.749	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.266	149	780177	56.801	ng		98
85)	Di-n-octyl phthalate	14.907	149	1055968	51.068	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.571	276	1281886	54.783	ng		99
88)	Benzo(b)fluoranthene	15.424	252	1034427	58.192	ng		99
89)	Benzo(k)fluoranthene	15.454	252	1001688	55.252	ng		98
90)	Benzo(a)pyrene	15.836	252	914976	53.507	ng		99
91)	Dibenzo(a,h)anthracene	17.595	278	1027837	59.486	ng		98
92)	Benzo(g,h,i)perylene	18.083	276	1090829	54.399	ng		99

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

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