Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012723\
Data File : BF132202.D
Acq On : 27 Jan 2023 16:04
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 28 01:43:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 28 01:38:37 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.084	152	247931	20.000	ng	0.00
21) Naphthalene-d8	8.372	136	819322	20.000	ng	0.00
39) Acenaphthene-d10	10.136	164	407862	20.000	ng	0.00
64) Phenanthrene-d10	11.636	188	738535	20.000	ng	0.00
76) Chrysene-d12	14.295	240	386643	20.000	ng	0.00
86) Perylene-d12	15.883	264	392830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.701	112	1611147	108.121	ng	0.00
7) Phenol-d6	6.701	99	1988917	106.449	ng	0.00
23) Nitrobenzene-d5	7.654	82	1801317	115.100	ng	0.00
42) 2,4,6-Tribromophenol	10.930	330	483083	127.910	ng	0.00
45) 2-Fluorobiphenyl	9.448	172	2791054	100.693	ng	0.00
79) Terphenyl-d14	13.230	244	2783324	113.100	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.019	88	427595	57.012	ng	99
3) Pyridine	3.778	79	1151506	55.901	ng	100
4) n-Nitrosodimethylamine	3.754	42	393160	57.029	ng	94
6) Aniline	6.754	93	1448217	55.711	ng	99
8) 2-Chlorophenol	6.872	128	809030	54.146	ng	96
9) Benzaldehyde	6.637	77	543827	44.861	ng	99
10) Phenol	6.719	94	1039635	53.449	ng	97
11) bis(2-Chloroethyl)ether	6.819	93	899224	53.594	ng	98
12) 1,3-Dichlorobenzene	7.025	146	896745	53.987	ng	99
13) 1,4-Dichlorobenzene	7.101	146	892722	53.910	ng	98
14) 1,2-Dichlorobenzene	7.260	146	798265	51.892	ng	99
15) Benzyl Alcohol	7.225	79	782997	57.069	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.354	45	984308	51.660	ng	96
17) 2-Methylphenol	7.319	107	740182	54.484	ng	99
18) Hexachloroethane	7.601	117	344161	56.562	ng	90
19) n-Nitroso-di-n-propyla...	7.501	70	585006	52.020	ng	97
20) 3+4-Methylphenols	7.484	107	903498	52.916	ng	94
22) Acetophenone	7.495	105	1076289	53.726	ng	99
24) Nitrobenzene	7.672	77	928355	57.376	ng	99
25) Isophorone	7.907	82	1755149	58.315	ng	99
26) 2-Nitrophenol	7.984	139	404247	67.727	ng	96
27) 2,4-Dimethylphenol	8.013	122	740879	58.865	ng	99
28) bis(2-Chloroethoxy)met...	8.113	93	1014631	54.755	ng	99
29) 2,4-Dichlorophenol	8.225	162	695834	59.210	ng	98
30) 1,2,4-Trichlorobenzene	8.307	180	762499	56.478	ng	99
31) Naphthalene	8.395	128	2196557	54.184	ng	99
32) Benzoic acid	8.142	122	540113m	72.735	ng	
33) 4-Chloroaniline	8.437	127	984606	56.025	ng	97
34) Hexachlorobutadiene	8.507	225	497136	58.947	ng	100
35) Caprolactam	8.831	113	214320	64.409	ng	95
36) 4-Chloro-3-methylphenol	8.913	107	719671	59.800	ng	99
37) 2-Methylnaphthalene	9.084	142	1510301	54.298	ng	99
38) 1-Methylnaphthalene	9.189	142	1401390	54.313	ng	99
40) 1,2,4,5-Tetrachloroben...	9.254	216	789435	57.674	ng	100
41) Hexachlorocyclopentadiene	9.236	237	464072	66.749	ng	100
43) 2,4,6-Trichlorophenol	9.360	196	521318	62.419	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.395	196	599948	61.340	ng		96
46) 1,1'-Biphenyl	9.554	154	1716869	54.622	ng		98
47) 2-Chloronaphthalene	9.584	162	1355666	55.570	ng		99
48) 2-Nitroaniline	9.672	65	419312	64.000	ng		95
49) Acenaphthylene	10.001	152	2122989	56.009	ng		99
50) Dimethylphthalate	9.854	163	1581991	57.153	ng		99
51) 2,6-Dinitrotoluene	9.913	165	367431	62.483	ng		96
52) Acenaphthene	10.172	154	1314999	56.426	ng		99
53) 3-Nitroaniline	10.089	138	404374	62.144	ng		96
54) 2,4-Dinitrophenol	10.183	184	177863	70.598	ng	#	56
55) Dibenzofuran	10.342	168	1923034	55.080	ng		98
56) 4-Nitrophenol	10.231	139	304706	64.813	ng		97
57) 2,4-Dinitrotoluene	10.319	165	471171	65.083	ng		97
58) Fluorene	10.689	166	1468385	55.062	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.454	232	437493	62.953	ng		99
60) Diethylphthalate	10.554	149	1568176	58.119	ng		99
61) 4-Chlorophenyl-phenyle...	10.678	204	787732	55.996	ng		99
62) 4-Nitroaniline	10.713	138	377501	61.830	ng		99
63) Azobenzene	10.836	77	1534307	53.882	ng		99
65) 4,6-Dinitro-2-methylph...	10.730	198	236355	67.758	ng		99
66) n-Nitrosodiphenylamine	10.801	169	1303369	56.199	ng		100
67) 4-Bromophenyl-phenylether	11.172	248	500552	58.873	ng		95
68) Hexachlorobenzene	11.236	284	498257	59.143	ng		98
69) Atrazine	11.319	200	385923	57.978	ng		98
70) Pentachlorophenol	11.430	266	361099	64.940	ng		99
71) Phenanthrene	11.660	178	2079882	55.359	ng		99
72) Anthracene	11.713	178	2110262	55.158	ng		99
73) Carbazole	11.866	167	1847910	56.225	ng		100
74) Di-n-butylphthalate	12.183	149	2201164	58.869	ng		100
75) Fluoranthene	12.860	202	2137901	55.925	ng		98
77) Benzidine	12.972	184	612319	60.673	ng		98
78) Pyrene	13.089	202	2122831	58.599	ng		99
80) Butylbenzylphthalate	13.701	149	742910	67.588	ng		91
81) Benzo(a)anthracene	14.283	228	1604913	59.036	ng		100
82) 3,3'-Dichlorobenzidine	14.242	252	469723	63.761	ng		100
83) Chrysene	14.324	228	1459203	57.598	ng		98
84) Bis(2-ethylhexyl)phtha...	14.254	149	958790	65.403	ng		100
85) Di-n-octyl phthalate	14.895	149	1432704	67.990	ng		99
87) Indeno(1,2,3-cd)pyrene	17.548	276	1697711	65.366	ng		99
88) Benzo(b)fluoranthene	15.407	252	1437037	59.562	ng		99
89) Benzo(k)fluoranthene	15.442	252	1422306	57.133	ng		99
90) Benzo(a)pyrene	15.824	252	1405536	61.728	ng		98
91) Dibenzo(a,h)anthracene	17.571	278	1374200	64.714	ng		99
92) Benzo(g,h,i)perylene	18.065	276	1411910	65.213	ng		98

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

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