Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012723\
Data File : BF132204.D
Acq On : 27 Jan 2023 18:17
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 28 02:27:54 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 02:25:45 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF012723

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	7.078	152	240622	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	849854	20.000	ng	0.00
39) Acenaphthene-d10	10.136	164	435802	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	794157	20.000	ng	0.00
76) Chrysene-d12	14.295	240	411357	20.000	ng	0.00
86) Perylene-d12	15.883	264	406712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	1154073	79.800	ng	0.00
7) Phenol-d6	6.696	99	1440217	79.423	ng	0.00
23) Nitrobenzene-d5	7.648	82	1282905	79.030	ng	0.00
42) 2,4,6-Tribromophenol	10.931	330	360134	89.242	ng	0.00
45) 2-Fluorobiphenyl	9.448	172	2162969	73.030	ng	0.00
79) Terphenyl-d14	13.225	244	2157986	82.421	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.019	88	288753	39.670	ng	97
3) Pyridine	3.772	79	774023	38.717	ng	98
4) n-Nitrosodimethylamine	3.743	42	259790	38.828	ng	91
6) Aniline	6.748	93	1022546	40.270	ng	99
8) 2-Chlorophenol	6.866	128	601960	41.512	ng	97
9) Benzaldehyde	6.637	77	418972	37.311	ng	95
10) Phenol	6.707	94	747733	39.610	ng	98
11) bis(2-Chloroethyl)ether	6.813	93	637569	39.153	ng	97
12) 1,3-Dichlorobenzene	7.025	146	656400	40.718	ng	98
13) 1,4-Dichlorobenzene	7.101	146	655605	40.794	ng	98
14) 1,2-Dichlorobenzene	7.254	146	607690	40.704	ng	98
15) Benzyl Alcohol	7.219	79	550283	41.299	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.348	45	702231	37.975	ng	98
17) 2-Methylphenol	7.319	107	538374	40.833	ng	98
18) Hexachloroethane	7.595	117	247667	41.939	ng	97
19) n-Nitroso-di-n-propyla...	7.490	70	415970	38.113	ng	99
20) 3+4-Methylphenols	7.472	107	677197	40.867	ng	91
22) Acetophenone	7.490	105	802207	38.606	ng	98
24) Nitrobenzene	7.666	77	670635	39.959	ng	98
25) Isophorone	7.901	82	1229615	39.387	ng	98
26) 2-Nitrophenol	7.978	139	304955	44.886	ng	96
27) 2,4-Dimethylphenol	8.007	122	551274	42.227	ng	99
28) bis(2-Chloroethoxy)met...	8.107	93	743776	38.697	ng	99
29) 2,4-Dichlorophenol	8.219	162	511450	41.957	ng	99
30) 1,2,4-Trichlorobenzene	8.307	180	573335	40.941	ng	100
31) Naphthalene	8.390	128	1674665	39.826	ng	99
32) Benzoic acid	8.113	122	376475m	43.776	ng	
33) 4-Chloroaniline	8.437	127	740160	40.603	ng	98
34) Hexachlorobutadiene	8.501	225	365554	41.788	ng	99
35) Caprolactam	8.813	113	156775	45.423	ng	95
36) 4-Chloro-3-methylphenol	8.901	107	522441	41.852	ng	97
37) 2-Methylnaphthalene	9.084	142	1152208	39.936	ng	99
38) 1-Methylnaphthalene	9.184	142	1072289	40.065	ng	99
40) 1,2,4,5-Tetrachloroben...	9.248	216	592889	40.538	ng	100
41) Hexachlorocyclopentadiene	9.237	237	343321	46.215	ng	99
43) 2,4,6-Trichlorophenol	9.354	196	388772	43.565	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.389	196	448800	42.944	ng		97
46) 1,1'-Biphenyl	9.548	154	1323482	39.407	ng		99
47) 2-Chloronaphthalene	9.578	162	1039685	39.885	ng		100
48) 2-Nitroaniline	9.666	65	308569	44.078	ng		96
49) Acenaphthylene	9.995	152	1627732	40.190	ng		99
50) Dimethylphthalate	9.848	163	1220266	41.258	ng		100
51) 2,6-Dinitrotoluene	9.907	165	276005	43.926	ng		95
52) Acenaphthene	10.172	154	999755	40.149	ng		99
53) 3-Nitroaniline	10.084	138	301643	43.384	ng		92
54) 2,4-Dinitrophenol	10.178	184	127797	42.929	ng	#	1
55) Dibenzofuran	10.342	168	1479326	39.655	ng		100
56) 4-Nitrophenol	10.219	139	223555	44.503	ng		96
57) 2,4-Dinitrotoluene	10.313	165	356141	46.040	ng		92
58) Fluorene	10.689	166	1128531	39.605	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.454	232	331572	44.653	ng		100
60) Diethylphthalate	10.548	149	1177853	40.854	ng		99
61) 4-Chlorophenyl-phenyle...	10.672	204	611056	40.652	ng		98
62) 4-Nitroaniline	10.701	138	279553	42.852	ng		97
63) Azobenzene	10.836	77	1143220	37.574	ng		97
65) 4,6-Dinitro-2-methylph...	10.725	198	178456	43.935	ng		93
66) n-Nitrosodiphenylamine	10.795	169	990417	39.714	ng		100
67) 4-Bromophenyl-phenylether	11.172	248	377594	41.301	ng		97
68) Hexachlorobenzene	11.236	284	376986	41.614	ng		93
69) Atrazine	11.313	200	314281	43.908	ng		99
70) Pentachlorophenol	11.425	266	265410	44.388	ng		99
71) Phenanthrene	11.660	178	1600220	39.609	ng		100
72) Anthracene	11.713	178	1624607	39.490	ng		100
73) Carbazole	11.860	167	1428074	40.408	ng		100
74) Di-n-butylphthalate	12.183	149	1683519	41.872	ng		100
75) Fluoranthene	12.854	202	1636566	39.812	ng		100
77) Benzidine	12.972	184	418412	38.969	ng		99
78) Pyrene	13.089	202	1631407	42.328	ng		100
80) Butylbenzylphthalate	13.695	149	574596	44.452	ng		95
81) Benzo(a)anthracene	14.283	228	1182476	40.884	ng		99
82) 3,3'-Dichlorobenzidine	14.242	252	358816	45.780	ng		98
83) Chrysene	14.319	228	1100394	40.826	ng		99
84) Bis(2-ethylhexyl)phtha...	14.254	149	717236	42.821	ng		100
85) Di-n-octyl phthalate	14.889	149	1022362	41.911	ng		98
87) Indeno(1,2,3-cd)pyrene	17.542	276	1193066	44.368	ng		99
88) Benzo(b)fluoranthene	15.407	252	1015266	40.644	ng		99
89) Benzo(k)fluoranthene	15.436	252	1037451	40.251	ng		99
90) Benzo(a)pyrene	15.818	252	993605	42.148	ng		98
91) Dibenzo(a,h)anthracene	17.565	278	978675	44.515	ng		98
92) Benzo(g,h,i)perylene	18.048	276	975878	43.535	ng		99

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

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