Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061224\
Data File : BF138191.D
Acq On : 12 Jun 2024 13:37
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 13 01:43:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:38:18 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	340504	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1296859	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	696204	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	1183585	20.000	ng	0.00
76) Chrysene-d12	14.051	240	674197	20.000	ng	0.00
86) Perylene-d12	15.521	264	644245	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1672711	82.177	ng	0.00
7) Phenol-d6	6.522	99	2121664	82.200	ng	0.00
23) Nitrobenzene-d5	7.457	82	1869242	83.911	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	585657	84.500	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3473080	79.326	ng	0.00
79) Terphenyl-d14	12.998	244	3553554	83.480	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	383390	41.158	ng	100
3) Pyridine	3.446	79	897820	40.554	ng	100
4) n-Nitrosodimethylamine	3.410	42	427699	41.742	ng	100
6) Aniline	6.551	93	1049977m	41.574	ng	
8) 2-Chlorophenol	6.681	128	921346	41.867	ng	100
9) Benzaldehyde	6.446	77	528735	38.569	ng	100
10) Phenol	6.534	94	1083919m	41.381	ng	
11) bis(2-Chloroethyl)ether	6.634	93	856332	40.848	ng	100
12) 1,3-Dichlorobenzene	6.834	146	1030729	41.213	ng	100
13) 1,4-Dichlorobenzene	6.910	146	1034809	41.115	ng	100
14) 1,2-Dichlorobenzene	7.063	146	980755	41.510	ng	100
15) Benzyl Alcohol	7.034	79	733851	42.167	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1219445	41.216	ng	100
17) 2-Methylphenol	7.140	107	723191	41.652	ng	100
18) Hexachloroethane	7.410	117	355611	41.706	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	624195	40.798	ng	100
20) 3+4-Methylphenols	7.298	107	912626	41.761	ng	100
22) Acetophenone	7.304	105	1198242	40.446	ng	100
24) Nitrobenzene	7.475	77	956415	41.540	ng	100
25) Isophorone	7.716	82	1632430	40.513	ng	100
26) 2-Nitrophenol	7.793	139	411782	44.478	ng	100
27) 2,4-Dimethylphenol	7.822	122	579187	41.120	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	1026860	40.711	ng	100
29) 2,4-Dichlorophenol	8.028	162	753676	41.561	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	879846	41.142	ng	100
31) Naphthalene	8.198	128	2624088	40.921	ng	100
32) Benzoic acid	7.940	122	499925	40.271	ng	100
33) 4-Chloroaniline	8.245	127	967885	40.383	ng	100
34) Hexachlorobutadiene	8.316	225	512645	40.987	ng	100
35) Caprolactam	8.616	113	227861	41.621	ng	100
36) 4-Chloro-3-methylphenol	8.722	107	738208	40.886	ng	100
37) 2-Methylnaphthalene	8.887	142	1716937	40.796	ng	100
38) 1-Methylnaphthalene	8.987	142	1671713	40.534	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	831070	40.850	ng	100
41) Hexachlorocyclopentadiene	9.039	237	287927	43.404	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	540400	42.422	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	581845	41.592	ng	100
46) 1,1'-Biphenyl	9.351	154	2064596	40.414	ng	100
47) 2-Chloronaphthalene	9.375	162	1635266	40.503	ng	100
48) 2-Nitroaniline	9.469	65	427569	43.974	ng	100
49) Acenaphthylene	9.792	152	2309277	40.790	ng	100
50) Dimethylphthalate	9.651	163	1726113	40.465	ng	100
51) 2,6-Dinitrotoluene	9.710	165	401452	43.381	ng	100
52) Acenaphthene	9.963	154	1575571	40.812	ng	100
53) 3-Nitroaniline	9.881	138	424482	42.938	ng	100
54) 2,4-Dinitrophenol	9.981	184	148377	40.094	ng	100
55) Dibenzofuran	10.134	168	2210036	40.951	ng	100
56) 4-Nitrophenol	10.028	139	340987	43.647	ng	100
57) 2,4-Dinitrotoluene	10.116	165	501085	43.901	ng	100
58) Fluorene	10.481	166	1708567	40.266	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	459137	41.996	ng	100
60) Diethylphthalate	10.351	149	1653764	40.848	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	854136	40.418	ng	100
62) 4-Nitroaniline	10.492	138	421862	42.710	ng	100
63) Azobenzene	10.628	77	1635119	40.314	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	225230	38.884	ng	100
66) n-Nitrosodiphenylamine	10.586	169	1478910	40.814	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	548670	41.139	ng	100
68) Hexachlorobenzene	11.022	284	636346	40.885	ng	100
69) Atrazine	11.110	200	418970	40.594	ng	100
70) Pentachlorophenol	11.216	266	395610	43.583	ng	100
71) Phenanthrene	11.439	178	2377304	40.615	ng	100
72) Anthracene	11.492	178	2374573	40.860	ng	100
73) Carbazole	11.645	167	2178631	40.874	ng	100
74) Di-n-butylphthalate	11.975	149	2286037	41.428	ng	100
75) Fluoranthene	12.627	202	2431237	40.733	ng	100
77) Benzidine	12.745	184	547900	70.259	ng	100
78) Pyrene	12.857	202	2484209	42.718	ng	100
80) Butylbenzylphthalate	13.474	149	708223	44.773	ng	100
81) Benzo(a)anthracene	14.039	228	1776180	41.065	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	491499	41.264	ng	100
83) Chrysene	14.074	228	1687197	40.924	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	793877	43.151	ng	100
85) Di-n-octyl phthalate	14.645	149	1103222	40.364	ng	100
87) Indeno(1,2,3-cd)pyrene	17.010	276	1922552	45.777	ng	100
88) Benzo(b)fluoranthene	15.092	252	1510611	39.761	ng	100
89) Benzo(k)fluoranthene	15.121	252	1485899	39.908	ng	100
90) Benzo(a)pyrene	15.463	252	1344769	41.202	ng	100
91) Dibenzo(a,h)anthracene	17.027	278	1576350	45.727	ng	100
92) Benzo(g,h,i)perylene	17.457	276	1640190	45.992	ng	100

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

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