Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100322\
Data File : BM036818.D
Acq On : 03 Oct 2022 15:18
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 04 02:23:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 02:16:33 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	383231	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	1661925	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	980938	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	1891403	20.000	ng	0.00
76) Chrysene-d12	21.509	240	1494289	20.000	ng	0.00
86) Perylene-d12	23.921	264	1223277	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1762519	80.617	ng	0.00
7) Phenol-d6	7.140	99	2542363	80.776	ng	0.00
23) Nitrobenzene-d5	9.145	82	2624370	82.573	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	671876	71.693	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	5315437	82.311	ng	0.00
79) Terphenyl-d14	19.956	244	6453470	95.684	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	364213	39.719	ng	100
3) Pyridine	3.810	79	1158335m	40.948	ng	
4) n-Nitrosodimethylamine	3.716	42	501235	44.547	ng	100
6) Aniline	7.304	93	1622364	41.285	ng	100
8) 2-Chlorophenol	7.540	128	1063102	40.509	ng	100
9) Benzaldehyde	7.116	77	766594	40.181	ng	100
10) Phenol	7.163	94	1440875	40.522	ng	100
11) bis(2-Chloroethyl)ether	7.398	93	1167916	41.211	ng	100
12) 1,3-Dichlorobenzene	7.863	146	1144562	40.673	ng	100
13) 1,4-Dichlorobenzene	8.010	146	1167499	40.237	ng	100
14) 1,2-Dichlorobenzene	8.328	146	1118632	39.902	ng	100
15) Benzyl Alcohol	8.222	79	999450	40.979	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.510	45	1702507	45.976	ng	100
17) 2-Methylphenol	8.422	107	943547	40.299	ng	100
18) Hexachloroethane	9.063	117	438663	41.750	ng	100
19) n-Nitroso-di-n-propyla...	8.792	70	975087	41.897	ng	100
20) 3+4-Methylphenols	8.751	107	1313352	39.991	ng	100
22) Acetophenone	8.804	105	1722058	40.224	ng	100
24) Nitrobenzene	9.187	77	1380684	41.826	ng	100
25) Isophorone	9.716	82	2459379	41.556	ng	100
26) 2-Nitrophenol	9.898	139	517419	39.826	ng	100
27) 2,4-Dimethylphenol	9.957	122	901633	40.811	ng	100
28) bis(2-Chloroethoxy)met...	10.198	93	1444347	40.759	ng	100
29) 2,4-Dichlorophenol	10.434	162	960014	40.003	ng	100
30) 1,2,4-Trichlorobenzene	10.645	180	993177	39.236	ng	100
31) Naphthalene	10.839	128	3663635	40.638	ng	100
32) Benzoic acid	10.110	122	692401	37.446	ng	100
33) 4-Chloroaniline	10.945	127	1504225	40.134	ng	100
34) Hexachlorobutadiene	11.116	225	539913	38.091	ng	100
35) Caprolactam	11.757	113	336674	38.823	ng	100
36) 4-Chloro-3-methylphenol	12.063	107	1134657	39.504	ng	100
37) 2-Methylnaphthalene	12.439	142	2511318	40.341	ng	100
38) 1-Methylnaphthalene	12.657	142	2459392	40.160	ng	100
40) 1,2,4,5-Tetrachloroben...	12.804	216	994818	40.535	ng	100
41) Hexachlorocyclopentadiene	12.780	237	489766	41.369	ng	100
43) 2,4,6-Trichlorophenol	13.045	196	712393	40.543	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	786979	39.663	ng	100
46) 1,1'-Biphenyl	13.445	154	3003196	42.232	ng	100
47) 2-Chloronaphthalene	13.486	162	2291786	41.513	ng	100
48) 2-Nitroaniline	13.692	65	792450	42.860	ng	100
49) Acenaphthylene	14.327	152	3821630	42.618	ng	100
50) Dimethylphthalate	14.069	163	2931336	40.304	ng	100
51) 2,6-Dinitrotoluene	14.186	165	606442	40.897	ng	100
52) Acenaphthene	14.669	154	2329273	41.587	ng	100
53) 3-Nitroaniline	14.516	138	739268	41.817	ng	100
54) 2,4-Dinitrophenol	14.716	184	294635	37.676	ng	100
55) Dibenzofuran	14.998	168	3506889	40.392	ng	100
56) 4-Nitrophenol	14.816	139	572227	39.603	ng	100
57) 2,4-Dinitrotoluene	14.969	165	807265	40.544	ng	100
58) Fluorene	15.645	166	2928579	40.106	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.221	232	655387	37.989	ng	100
60) Diethylphthalate	15.421	149	3086932	40.911	ng	100
61) 4-Chlorophenyl-phenyle...	15.639	204	1264695	38.195	ng	100
62) 4-Nitroaniline	15.674	138	766232	40.238	ng	100
63) Azobenzene	15.933	77	3441947	44.078	ng	100
65) 4,6-Dinitro-2-methylph...	15.727	198	393438	38.860	ng	100
66) n-Nitrosodiphenylamine	15.857	169	2445154	43.345	ng	100
67) 4-Bromophenyl-phenylether	16.533	248	721927	41.013	ng	100
68) Hexachlorobenzene	16.645	284	791622	39.324	ng	100
69) Atrazine	16.804	200	715827	41.468	ng	100
70) Pentachlorophenol	16.986	266	502667	39.483	ng	100
71) Phenanthrene	17.386	178	4386082	41.338	ng	100
72) Anthracene	17.474	178	4268001	42.101	ng	100
73) Carbazole	17.745	167	4007624	40.866	ng	100
74) Di-n-butylphthalate	18.304	149	5229704	42.053	ng	100
75) Fluoranthene	19.392	202	4624297	38.287	ng	100
77) Benzidine	19.574	184	1401110	43.231	ng	100
78) Pyrene	19.751	202	4829795	50.094	ng	100
80) Butylbenzylphthalate	20.651	149	2107181	48.416	ng	100
81) Benzo(a)anthracene	21.498	228	4036697	41.717	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	1142190	38.172	ng	100
83) Chrysene	21.550	228	3876063	42.153	ng	100
84) Bis(2-ethylhexyl)phtha...	21.421	149	3127065	47.365	ng	100
85) Di-n-octyl phthalate	22.350	149	4660323	43.096	ng	100
87) Indeno(1,2,3-cd)pyrene	26.438	276	3404533	38.269	ng	100
88) Benzo(b)fluoranthene	23.192	252	3343323	44.606	ng	100
89) Benzo(k)fluoranthene	23.239	252	3338277	43.951	ng	100
90) Benzo(a)pyrene	23.815	252	2667286	42.578	ng	100
91) Dibenzo(a,h)anthracene	26.456	278	2850693	38.071	ng	100
92) Benzo(g,h,i)perylene	27.209	276	2738488	38.290	ng	100

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

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