Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100322\
Data File : BM036821.D
Acq On : 03 Oct 2022 17:03
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 04 02:38:49 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 :
SSTDICC080

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	446296	20.000	ng		0.00
21) Naphthalene-d8	10.786	136	1842371	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	1091598	20.000	ng		0.00
64) Phenanthrene-d10	17.345	188	2047824	20.000	ng		0.00
76) Chrysene-d12	21.515	240	1531271	20.000	ng		0.00
86) Perylene-d12	23.927	264	1334913	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	4064038	159.620	ng		0.00
7) Phenol-d6	7.145	99	5661196	154.451	ng		0.00
23) Nitrobenzene-d5	9.151	82	5636737	159.983	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	1495077	143.361	ng		0.00
45) 2-Fluorobiphenyl	13.239	172	10765169	149.803	ng		0.00
79) Terphenyl-d14	19.956	244	11528270	166.798	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	793323	74.290	ng		97
3) Pyridine	3.810	79	2636321m	80.027	ng		
4) n-Nitrosodimethylamine	3.722	42	1067813	81.491	ng		91
6) Aniline	7.310	93	3549041	77.552	ng		99
8) 2-Chlorophenol	7.539	128	2361689	77.275	ng		98
9) Benzaldehyde	7.116	77	1427573	64.253	ng		97
10) Phenol	7.175	94	3191682	77.077	ng		98
11) bis(2-Chloroethyl)ether	7.404	93	2522628	76.436	ng		98
12) 1,3-Dichlorobenzene	7.863	146	2501222	76.324	ng		99
13) 1,4-Dichlorobenzene	8.010	146	2558193	75.708	ng		99
14) 1,2-Dichlorobenzene	8.334	146	2427549	74.355	ng		100
15) Benzyl Alcohol	8.228	79	2212734	77.905	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	3450566	80.015	ng		98
17) 2-Methylphenol	8.422	107	2059444	75.530	ng		99
18) Hexachloroethane	9.063	117	969762	79.254	ng		96
19) n-Nitroso-di-n-propyla...	8.804	70	2033555	75.030	ng		97
20) 3+4-Methylphenols	8.763	107	2889766	75.557	ng		99
22) Acetophenone	8.810	105	3645517	76.811	ng	#	98
24) Nitrobenzene	9.192	77	2918589	79.756	ng		98
25) Isophorone	9.728	82	5302144	80.816	ng		98
27) 2,4-Dimethylphenol	9.963	122	1972253	80.528	ng		99
28) bis(2-Chloroethoxy)met...	10.204	93	3050001	77.640	ng		100
29) 2,4-Dichlorophenol	10.433	162	2162217	81.273	ng		99
30) 1,2,4-Trichlorobenzene	10.651	180	2206540	78.633	ng		100
31) Naphthalene	10.839	128	7792310	77.968	ng		99
32) Benzoic acid	10.169	122	1748399	85.295	ng		98
33) 4-Chloroaniline	10.951	127	3281070	78.967	ng		99
34) Hexachlorobutadiene	11.122	225	1216175	77.398	ng		99
35) Caprolactam	11.792	113	746364m	77.637	ng		
36) 4-Chloro-3-methylphenol	12.074	107	2503116	78.613	ng		97
37) 2-Methylnaphthalene	12.439	142	5384196	78.019	ng		99
38) 1-Methylnaphthalene	12.663	142	5232596	77.075	ng		100
40) 1,2,4,5-Tetrachloroben...	12.804	216	2210473	80.938	ng		99
41) Hexachlorocyclopentadiene	12.786	237	1156835	87.809	ng		100
43) 2,4,6-Trichlorophenol	13.045	196	1637688	83.753	ng		98
44) 2,4,5-Trichlorophenol	13.116	196	1807666	81.870	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.451	154	6322220	79.892	ng	99
47) 2-Chloronaphthalene	13.492	162	4963792	80.799	ng	99
48) 2-Nitroaniline	13.698	65	1744668	84.795	ng	99
49) Acenaphthylene	14.333	152	8048714	80.659	ng	98
50) Dimethylphthalate	14.080	163	6258341	77.326	ng	99
51) 2,6-Dinitrotoluene	14.192	165	1352043	81.935	ng	95
52) Acenaphthene	14.674	154	4915704	78.868	ng	98
53) 3-Nitroaniline	14.521	138	1636061	83.162	ng	98
54) 2,4-Dinitrophenol	14.721	184	748635	86.026	ng	96
55) Dibenzofuran	15.004	168	7349057	76.065	ng	99
56) 4-Nitrophenol	14.821	139	1271690	79.091	ng	99
57) 2,4-Dinitrotoluene	14.974	165	1828501	82.525	ng	96
58) Fluorene	15.651	166	5944827	73.160	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.227	232	1458066	75.948	ng	98
60) Diethylphthalate	15.433	149	6532046	77.793	ng	98
61) 4-Chlorophenyl-phenyle...	15.645	204	2657774	72.131	ng	96
62) 4-Nitroaniline	15.686	138	1665213	78.583	ng	99
63) Azobenzene	15.939	77	6852215	78.854	ng	96
65) 4,6-Dinitro-2-methylph...	15.733	198	961933	87.752	ng	95
66) n-Nitrosodiphenylamine	15.862	169	5142577	84.198	ng	100
67) 4-Bromophenyl-phenylether	16.539	248	1602932	84.107	ng	95
68) Hexachlorobenzene	16.651	284	1764504	80.957	ng	95
69) Atrazine	16.815	200	1412282	75.565	ng	98
70) Pentachlorophenol	16.992	266	1144104	83.002	ng	99
71) Phenanthrene	17.386	178	8944430	77.861	ng	99
72) Anthracene	17.480	178	8671336	79.003	ng	99
73) Carbazole	17.751	167	8085069	76.146	ng	99
74) Di-n-butylphthalate	18.309	149	10678585	79.309	ng	98
75) Fluoranthene	19.392	202	9321235	71.281	ng	98
77) Benzidine	19.574	184	2442424	73.541	ng	99
78) Pyrene	19.756	202	9407193	95.213	ng	98
80) Butylbenzylphthalate	20.650	149	4440028	99.553	ng	99
81) Benzo(a)anthracene	21.497	228	7965959	80.335	ng	98
82) 3,3'-Dichlorobenzidine	21.433	252	2164669	70.596	ng	99
83) Chrysene	21.556	228	7534817	79.964	ng	98
84) Bis(2-ethylhexyl)phtha...	21.421	149	6221841	91.965	ng	98
85) Di-n-octyl phthalate	22.350	149	9921494	89.532	ng	96
87) Indeno(1,2,3-cd)pyrene	26.450	276	7435597	76.591	ng	98
88) Benzo(b)fluoranthene	23.191	252	6789433	83.007	ng	99
89) Benzo(k)fluoranthene	23.244	252	7095187	85.601	ng	99
90) Benzo(a)pyrene	23.821	252	5695735	83.317	ng	99
91) Dibenzo(a,h)anthracene	26.474	278	6233344	76.285	ng	99
92) Benzo(g,h,i)perylene	27.226	276	6046459	77.473	ng	99

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

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