Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030823\
Data File : BM038931.D
Acq On : 08 Mar 2023 15:05
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Mar 09 05:02:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 04:48:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	336948	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	1292089	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	717424	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1413330	20.000	ng	0.00
76) Chrysene-d12	21.556	240	1310318	20.000	ng	0.00
86) Perylene-d12	23.997	264	1390717	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1836333	82.800	ng	0.00
7) Phenol-d6	7.151	99	2368225	82.210	ng	0.00
23) Nitrobenzene-d5	9.163	82	2218724	84.349	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	703043	84.710	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	4550510	82.571	ng	0.00
79) Terphenyl-d14	19.998	244	6107456	85.219	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	405265	41.075	ng	100
3) Pyridine	3.816	79	1151021	42.364	ng	100
4) n-Nitrosodimethylamine	3.728	42	459672	41.282	ng	100
6) Aniline	7.316	93	1566784	41.423	ng	100
8) 2-Chlorophenol	7.551	128	974380	41.268	ng	100
9) Benzaldehyde	7.128	77	517006	37.708	ng	100
10) Phenol	7.175	94	1254925	41.022	ng	100
11) bis(2-Chloroethyl)ether	7.416	93	1016559	40.872	ng	100
12) 1,3-Dichlorobenzene	7.881	146	1038038	41.369	ng	100
13) 1,4-Dichlorobenzene	8.028	146	1053594	41.286	ng	100
14) 1,2-Dichlorobenzene	8.351	146	1011966	41.167	ng	100
15) Benzyl Alcohol	8.234	79	861929	41.745	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.528	45	1274887	40.585	ng	100
17) 2-Methylphenol	8.434	107	871915	41.491	ng	100
18) Hexachloroethane	9.081	117	391933	41.626	ng	100
19) n-Nitroso-di-n-propyla...	8.810	70	775727	42.753	ng	100
20) 3+4-Methylphenols	8.769	107	1165460	41.536	ng	100
22) Acetophenone	8.822	105	1504751	41.509	ng	100
24) Nitrobenzene	9.204	77	1156029	41.813	ng	100
25) Isophorone	9.734	82	2060510	42.568	ng	100
26) 2-Nitrophenol	9.916	139	470948	39.165	ng	100
27) 2,4-Dimethylphenol	9.975	122	892403	42.311	ng	100
28) bis(2-Chloroethoxy)met...	10.216	93	1288764	41.437	ng	100
29) 2,4-Dichlorophenol	10.451	162	849511	42.483	ng	100
30) 1,2,4-Trichlorobenzene	10.669	180	898103	41.101	ng	100
31) Naphthalene	10.863	128	3053802	41.448	ng	100
32) Benzoic acid	10.104	122	592326	39.438	ng	100
33) 4-Chloroaniline	10.969	127	1332098	42.425	ng	100
34) Hexachlorobutadiene	11.145	225	515855	41.167	ng	100
35) Caprolactam	11.751	113	264999	43.720	ng	100
36) 4-Chloro-3-methylphenol	12.086	107	908327	42.659	ng	100
37) 2-Methylnaphthalene	12.463	142	2047437	41.461	ng	100
38) 1-Methylnaphthalene	12.686	142	1930972	41.726	ng	100
40) 1,2,4,5-Tetrachloroben...	12.828	216	951767	40.808	ng	100
41) Hexachlorocyclopentadiene	12.816	237	537886	42.015	ng	100
43) 2,4,6-Trichlorophenol	13.069	196	645670	42.751	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.133	196	757466	42.848	ng	100
46) 1,1'-Biphenyl	13.469	154	2486758	40.915	ng	100
47) 2-Chloronaphthalene	13.510	162	1887500	41.184	ng	100
48) 2-Nitroaniline	13.710	65	596400	40.983	ng	100
49) Acenaphthylene	14.357	152	3087759	42.297	ng	100
50) Dimethylphthalate	14.092	163	2348557	42.542	ng	100
51) 2,6-Dinitrotoluene	14.210	165	497785	40.994	ng	100
52) Acenaphthene	14.698	154	1880040	41.904	ng	100
53) 3-Nitroaniline	14.533	138	592632	41.738	ng	100
54) 2,4-Dinitrophenol	14.733	184	262809	40.212	ng	100
55) Dibenzofuran	15.033	168	2931266	41.752	ng	100
56) 4-Nitrophenol	14.833	139	480876	43.860	ng	100
57) 2,4-Dinitrotoluene	14.992	165	666069	41.738	ng	100
58) Fluorene	15.674	166	2348661	42.707	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.251	232	591472	43.383	ng	100
60) Diethylphthalate	15.451	149	2345189	43.660	ng	100
61) 4-Chlorophenyl-phenyle...	15.674	204	1140131	42.200	ng	100
62) 4-Nitroaniline	15.698	138	613098	42.415	ng	100
63) Azobenzene	15.963	77	2493290	43.868	ng	100
65) 4,6-Dinitro-2-methylph...	15.751	198	362823	40.011	ng	100
66) n-Nitrosodiphenylamine	15.886	169	1990414	41.775	ng	100
67) 4-Bromophenyl-phenylether	16.568	248	635302	41.617	ng	100
68) Hexachlorobenzene	16.680	284	701024	41.079	ng	100
69) Atrazine	16.833	200	578906	44.482	ng	100
70) Pentachlorophenol	17.021	266	528103	42.075	ng	100
71) Phenanthrene	17.415	178	3464117	41.762	ng	100
72) Anthracene	17.510	178	3555717	42.984	ng	100
73) Carbazole	17.780	167	3303276	43.754	ng	100
74) Di-n-butylphthalate	18.345	149	3799018	41.509	ng	100
75) Fluoranthene	19.433	202	3848656	43.944	ng	100
77) Benzidine	19.615	184	1247750	42.408	ng	100
78) Pyrene	19.792	202	4099176	41.652	ng	100
80) Butylbenzylphthalate	20.692	149	1665820	40.374	ng	100
81) Benzo(a)anthracene	21.539	228	4024288	42.647	ng	100
82) 3,3'-Dichlorobenzidine	21.468	252	1246503	42.981	ng	100
83) Chrysene	21.592	228	3859182	42.050	ng	100
84) Bis(2-ethylhexyl)phtha...	21.468	149	2498928	41.648	ng	100
85) Di-n-octyl phthalate	22.415	149	4095826	41.362	ng	100
87) Indeno(1,2,3-cd)pyrene	26.562	276	4598064	43.450	ng	100
88) Benzo(b)fluoranthene	23.256	252	3819301	42.987	ng	100
89) Benzo(k)fluoranthene	23.303	252	3939253	42.603	ng	100
90) Benzo(a)pyrene	23.891	252	3717243	43.472	ng	100
91) Dibenzo(a,h)anthracene	26.580	278	3897770	43.492	ng	100
92) Benzo(g,h,i)perylene	27.344	276	3773029	43.032	ng	100

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

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