Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041723\
Data File : BM039444.D
Acq On : 17 Apr 2023 17:15
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Apr 18 02:56:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 02:48:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	181987	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	823581	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	536545	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	1158789	20.000	ng	0.00
76) Chrysene-d12	21.444	240	1071931	20.000	ng	0.00
86) Perylene-d12	23.821	264	1202128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	927013	83.224	ng	0.00
7) Phenol-d6	7.034	99	1391759	85.020	ng	0.00
23) Nitrobenzene-d5	9.016	82	1428226	84.923	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	590262	84.778	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	3208092	82.730	ng	0.00
79) Terphenyl-d14	19.880	244	5026335	84.592	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	186262	40.478	ng	100
3) Pyridine	3.669	79	574910	42.434	ng	100
4) n-Nitrosodimethylamine	3.587	42	232228	42.046	ng	100
6) Aniline	7.175	93	881347	42.675	ng	100
8) 2-Chlorophenol	7.410	128	531170	42.049	ng	100
9) Benzaldehyde	6.981	77	325007	38.518	ng	100
10) Phenol	7.063	94	684017	42.596	ng	100
11) bis(2-Chloroethyl)ether	7.269	93	584813	42.464	ng	100
12) 1,3-Dichlorobenzene	7.728	146	539896	41.018	ng	100
13) 1,4-Dichlorobenzene	7.875	146	544156	41.237	ng	100
14) 1,2-Dichlorobenzene	8.192	146	543930	41.505	ng	100
15) Benzyl Alcohol	8.098	79	500378	41.937	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.381	45	808288	41.604	ng	100
17) 2-Methylphenol	8.310	107	509744	42.991	ng	100
18) Hexachloroethane	8.916	117	216539	41.271	ng	100
19) n-Nitroso-di-n-propyla...	8.657	70	518244	41.840	ng	100
20) 3+4-Methylphenols	8.645	107	706218	43.331	ng	100
22) Acetophenone	8.675	105	928478	42.544	ng	100
24) Nitrobenzene	9.057	77	710764	42.910	ng	100
25) Isophorone	9.586	82	1471995	42.260	ng	100
26) 2-Nitrophenol	9.769	139	324460	43.407	ng	100
27) 2,4-Dimethylphenol	9.845	122	553381	42.839	ng	100
28) bis(2-Chloroethoxy)met...	10.069	93	846008	42.729	ng	100
29) 2,4-Dichlorophenol	10.316	162	540143	43.185	ng	100
30) 1,2,4-Trichlorobenzene	10.516	180	551119	41.630	ng	100
31) Naphthalene	10.704	128	1858360	41.760	ng	100
32) Benzoic acid	10.028	122	413947	40.729	ng	100
33) 4-Chloroaniline	10.827	127	822579	43.756	ng	100
34) Hexachlorobutadiene	10.980	225	328177	41.743	ng	100
35) Caprolactam	11.639	113	217955	43.678	ng	100
36) 4-Chloro-3-methylphenol	11.969	107	651282	42.779	ng	100
37) 2-Methylnaphthalene	12.316	142	1364988	41.738	ng	100
38) 1-Methylnaphthalene	12.539	142	1291173	41.898	ng	100
40) 1,2,4,5-Tetrachloroben...	12.686	216	650671	41.577	ng	100
41) Hexachlorocyclopentadiene	12.657	237	325099	39.984	ng	100
43) 2,4,6-Trichlorophenol	12.939	196	460077	42.674	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.021	196	550976	43.242	ng	100
46) 1,1'-Biphenyl	13.333	154	1716516	41.526	ng	100
47) 2-Chloronaphthalene	13.374	162	1284961	41.817	ng	100
48) 2-Nitroaniline	13.592	65	457579	43.548	ng	100
49) Acenaphthylene	14.221	152	2188370	41.634	ng	100
50) Dimethylphthalate	13.968	163	1796166	41.356	ng	100
51) 2,6-Dinitrotoluene	14.092	165	392952	42.556	ng	100
52) Acenaphthene	14.563	154	1292515	41.532	ng	100
53) 3-Nitroaniline	14.427	138	421302	44.713	ng	100
54) 2,4-Dinitrophenol	14.633	184	218683	40.796	ng	100
55) Dibenzofuran	14.898	168	2068474	41.363	ng	100
56) 4-Nitrophenol	14.757	139	294541	41.236	ng	100
57) 2,4-Dinitrotoluene	14.880	165	541729	42.922	ng	100
58) Fluorene	15.551	166	1682688	41.487	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.133	232	440991	42.022	ng	100
60) Diethylphthalate	15.327	149	1874048	41.619	ng	100
61) 4-Chlorophenyl-phenyle...	15.545	204	835250	41.547	ng	100
62) 4-Nitroaniline	15.592	138	374360	41.101	ng	100
63) Azobenzene	15.839	77	1846537	42.083	ng	100
65) 4,6-Dinitro-2-methylph...	15.645	198	325839	44.906	ng	100
66) n-Nitrosodiphenylamine	15.762	169	1465819	41.723	ng	100
67) 4-Bromophenyl-phenylether	16.439	248	510088	41.817	ng	100
68) Hexachlorobenzene	16.551	284	549054	41.452	ng	100
69) Atrazine	16.721	200	495561	42.046	ng	100
70) Pentachlorophenol	16.904	266	403080	43.578	ng	100
71) Phenanthrene	17.292	178	2620231	41.699	ng	100
72) Anthracene	17.386	178	2688844	41.716	ng	100
73) Carbazole	17.662	167	2494208	42.545	ng	100
74) Di-n-butylphthalate	18.221	149	3437323	42.180	ng	100
75) Fluoranthene	19.315	202	3159458	41.443	ng	100
77) Benzidine	19.509	184	1020096	41.997	ng	100
78) Pyrene	19.680	202	3300256	41.865	ng	100
80) Butylbenzylphthalate	20.574	149	1654909	42.335	ng	100
81) Benzo(a)anthracene	21.427	228	3197779	42.008	ng	100
82) 3,3'-Dichlorobenzidine	21.368	252	1074623	42.766	ng	100
83) Chrysene	21.480	228	3105064	42.083	ng	100
84) Bis(2-ethylhexyl)phtha...	21.350	149	2497416	41.912	ng	100
85) Di-n-octyl phthalate	22.268	149	4291652	41.883	ng	100
87) Indeno(1,2,3-cd)pyrene	26.297	276	3727216	42.194	ng	100
88) Benzo(b)fluoranthene	23.097	252	3048775	41.596	ng	100
89) Benzo(k)fluoranthene	23.144	252	3223438	42.066	ng	100
90) Benzo(a)pyrene	23.721	252	3057117	41.967	ng	100
91) Dibenzo(a,h)anthracene	26.309	278	3104268	42.279	ng	100
92) Benzo(g,h,i)perylene	27.056	276	3049610	41.904	ng	100

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

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