Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011623\
Data File : BM038454.D
Acq On : 16 Jan 2023 15:38
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Jan 17 02:16:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 02:09:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	61407	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	232107	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	155302	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	374018	20.000	ng	0.00
76) Chrysene-d12	21.533	240	420778	20.000	ng	0.00
86) Perylene-d12	23.956	264	465551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	304493	76.780	ng	0.00
7) Phenol-d6	7.146	99	410304	75.367	ng	0.00
23) Nitrobenzene-d5	9.157	82	454528	74.688	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	218014	86.479	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	980399	74.299	ng	0.00
79) Terphenyl-d14	19.968	244	1894082	80.541	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	68518	36.920	ng	100
3) Pyridine	3.805	79	214586	38.638	ng	100
4) n-Nitrosodimethylamine	3.716	42	124379	34.521	ng	100
6) Aniline	7.310	93	254613	36.984	ng	100
8) 2-Chlorophenol	7.546	128	156315	38.284	ng	100
9) Benzaldehyde	7.122	77	136601	34.766	ng	100
10) Phenol	7.175	94	213789	37.768	ng	100
11) bis(2-Chloroethyl)ether	7.410	93	168984	36.834	ng	100
12) 1,3-Dichlorobenzene	7.869	146	166515	38.635	ng	100
13) 1,4-Dichlorobenzene	8.016	146	169147	38.632	ng	100
14) 1,2-Dichlorobenzene	8.334	146	165163	38.274	ng	100
15) Benzyl Alcohol	8.228	79	171869	36.629	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.516	45	245505	34.126	ng	100
17) 2-Methylphenol	8.428	107	147982	37.755	ng	100
18) Hexachloroethane	9.063	117	71268	38.465	ng	100
19) n-Nitroso-di-n-propyla...	8.798	70	156460	35.382	ng	100
20) 3+4-Methylphenols	8.763	107	199029	37.405	ng	100
22) Acetophenone	8.816	105	270723	37.747	ng	100
24) Nitrobenzene	9.198	77	236675	37.198	ng	100
25) Isophorone	9.728	82	403804	36.571	ng	100
26) 2-Nitrophenol	9.910	139	85637	39.083	ng	100
27) 2,4-Dimethylphenol	9.969	122	142981	38.328	ng	100
28) bis(2-Chloroethoxy)met...	10.204	93	226614	36.990	ng	100
29) 2,4-Dichlorophenol	10.445	162	159013	39.091	ng	100
30) 1,2,4-Trichlorobenzene	10.657	180	180193	39.539	ng	100
31) Naphthalene	10.845	128	482149	37.964	ng	100
32) Benzoic acid	10.110	122	108236	37.053	ng	100
33) 4-Chloroaniline	10.963	127	221618	39.744	ng	100
34) Hexachlorobutadiene	11.122	225	124621	40.409	ng	100
35) Caprolactam	11.763	113	46615	39.626	ng	100
36) 4-Chloro-3-methylphenol	12.081	107	176981	38.588	ng	100
37) 2-Methylnaphthalene	12.451	142	356420	37.528	ng	100
38) 1-Methylnaphthalene	12.669	142	340374	38.151	ng	100
40) 1,2,4,5-Tetrachloroben...	12.816	216	230243	39.972	ng	100
41) Hexachlorocyclopentadiene	12.786	237	135229	41.451	ng	100
43) 2,4,6-Trichlorophenol	13.057	196	146636	38.564	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.128	196	177023	39.407	ng	100
46) 1,1'-Biphenyl	13.457	154	473283	37.207	ng	100
47) 2-Chloronaphthalene	13.498	162	376822	38.463	ng	100
48) 2-Nitroaniline	13.710	65	143255	37.617	ng	100
49) Acenaphthylene	14.339	152	596237	38.527	ng	100
50) Dimethylphthalate	14.080	163	499702	38.458	ng	100
51) 2,6-Dinitrotoluene	14.204	165	105314	39.747	ng	100
52) Acenaphthene	14.680	154	361814	38.178	ng	100
53) 3-Nitroaniline	14.533	138	108386	40.576	ng	100
54) 2,4-Dinitrophenol	14.739	184	73130	38.803	ng	100
55) Dibenzofuran	15.016	168	617229	38.602	ng	100
56) 4-Nitrophenol	14.839	139	87395	41.712	ng	100
57) 2,4-Dinitrotoluene	14.986	165	148320	39.559	ng	100
58) Fluorene	15.663	166	519009	37.784	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.239	232	155995	40.625	ng	100
60) Diethylphthalate	15.433	149	517705	37.780	ng	100
61) 4-Chlorophenyl-phenyle...	15.651	204	287834	39.314	ng	100
62) 4-Nitroaniline	15.692	138	114709	40.378	ng	100
63) Azobenzene	15.945	77	578696	36.587	ng	100
65) 4,6-Dinitro-2-methylph...	15.751	198	102823	39.910	ng	100
66) n-Nitrosodiphenylamine	15.869	169	437117	37.610	ng	100
67) 4-Bromophenyl-phenylether	16.545	248	175252	39.798	ng	100
68) Hexachlorobenzene	16.663	284	193487	41.017	ng	100
69) Atrazine	16.816	200	156890	38.249	ng	100
70) Pentachlorophenol	17.010	266	146444	40.013	ng	100
71) Phenanthrene	17.404	178	822017	38.206	ng	100
72) Anthracene	17.492	178	845997	38.090	ng	100
73) Carbazole	17.768	167	745835	38.723	ng	100
74) Di-n-butylphthalate	18.315	149	914161	37.067	ng	100
75) Fluoranthene	19.409	202	1063974	39.669	ng	100
77) Benzidine	19.598	184	375641	41.301	ng	100
78) Pyrene	19.774	202	1137279	38.047	ng	100
80) Butylbenzylphthalate	20.662	149	420667	35.530	ng	100
81) Benzo(a)anthracene	21.515	228	1222731	39.896	ng	100
82) 3,3'-Dichlorobenzidine	21.451	252	396801	40.598	ng	100
83) Chrysene	21.568	228	1182098	40.501	ng	100
84) Bis(2-ethylhexyl)phtha...	21.427	149	594810	33.481	ng	100
85) Di-n-octyl phthalate	22.356	149	1040016	35.257	ng	100
87) Indeno(1,2,3-cd)pyrene	26.485	276	1378476	44.713	ng	100
88) Benzo(b)fluoranthene	23.215	252	1173678	38.509	ng	100
89) Benzo(k)fluoranthene	23.262	252	1195534	37.888	ng	100
90) Benzo(a)pyrene	23.844	252	1147993	39.496	ng	100
91) Dibenzo(a,h)anthracene	26.497	278	1151398	44.129	ng	100
92) Benzo(g,h,i)perylene	27.268	276	1123576	46.151	ng	100

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

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