Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051123\
Data File : BM039906.D
Acq On : 11 May 2023 20:00
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: May 12 02:30:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 02:21:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	444394	20.000	ng	0.00
21) Naphthalene-d8	10.860	136	1958437	20.000	ng	0.00
39) Acenaphthene-d10	14.672	164	1166826	20.000	ng	0.00
64) Phenanthrene-d10	17.413	188	2274339	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1863945	20.000	ng	0.00
86) Perylene-d12	24.047	264	1384122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.578	112	2690218	96.409	ng	0.00
7) Phenol-d6	7.190	99	3630066	99.816	ng	0.00
23) Nitrobenzene-d5	9.207	82	3540754	106.476	ng	0.00
42) 2,4,6-Tribromophenol	16.160	330	1991589	100.757	ng	0.00
45) 2-Fluorobiphenyl	13.307	172	10275173	106.143	ng	0.00
79) Terphenyl-d14	20.030	244	12193732	98.372	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.437	88	492703	45.367	ng	99
3) Pyridine	3.843	79	1488969	50.350	ng	97
4) n-Nitrosodimethylamine	3.755	42	537788	46.676	ng	98
6) Aniline	7.360	93	2255869	49.364	ng	100
8) 2-Chlorophenol	7.596	128	1546508	50.519	ng	100
9) Benzaldehyde	7.172	77	842066m	50.094	ng	
10) Phenol	7.219	94	1805093	49.012	ng	99
11) bis(2-Chloroethyl)ether	7.460	93	1484175	47.799	ng	97
12) 1,3-Dichlorobenzene	7.925	146	1550463	48.320	ng	99
13) 1,4-Dichlorobenzene	8.072	146	1589150	48.446	ng	100
14) 1,2-Dichlorobenzene	8.395	146	1602238	48.994	ng	99
15) Benzyl Alcohol	8.278	79	1253215	52.410	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.578	45	1683566	47.474	ng	99
17) 2-Methylphenol	8.478	107	1395034	50.327	ng	99
18) Hexachloroethane	9.131	117	563512	49.025	ng	99
19) n-Nitroso-di-n-propyla...	8.860	70	1273566	54.099	ng	97
20) 3+4-Methylphenols	8.813	107	1875933	51.673	ng	98
22) Acetophenone	8.866	105	2595407	49.673	ng	99
24) Nitrobenzene	9.248	77	1727851	51.745	ng	99
25) Isophorone	9.778	82	3495188	49.716	ng	99
26) 2-Nitrophenol	9.966	139	564657	49.278	ng	99
27) 2,4-Dimethylphenol	10.019	122	1481876	51.076	ng	100
28) bis(2-Chloroethoxy)met...	10.266	93	2088315	50.492	ng	100
29) 2,4-Dichlorophenol	10.495	162	1435031	52.465	ng	99
30) 1,2,4-Trichlorobenzene	10.719	180	1525708	49.774	ng	100
31) Naphthalene	10.907	128	5282901	49.190	ng	99
32) Benzoic acid	10.172	122	623704	50.645	ng	98
33) 4-Chloroaniline	11.013	127	2370567	51.368	ng	100
34) Hexachlorobutadiene	11.195	225	862600	49.253	ng	99
35) Caprolactam	11.801	113	409098	57.299	ng	96
36) 4-Chloro-3-methylphenol	12.131	107	1529750	52.234	ng	98
37) 2-Methylnaphthalene	12.513	142	3875546	50.504	ng	100
38) 1-Methylnaphthalene	12.730	142	3667016	50.829	ng	99
40) 1,2,4,5-Tetrachloroben...	12.872	216	1840515	51.508	ng	99
41) Hexachlorocyclopentadiene	12.860	237	745294	48.793	ng	99
43) 2,4,6-Trichlorophenol	13.107	196	1114121	53.264	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.177	196	1297133	53.225	ng		99
46) 1,1'-Biphenyl	13.513	154	4955029	50.518	ng		99
47) 2-Chloronaphthalene	13.554	162	3648668	50.186	ng		100
48) 2-Nitroaniline	13.754	65	731681	50.405	ng		99
49) Acenaphthylene	14.401	152	6009533	50.871	ng		99
50) Dimethylphthalate	14.136	163	4584635	52.876	ng		99
51) 2,6-Dinitrotoluene	14.248	165	848107	49.953	ng		98
52) Acenaphthene	14.742	154	3862187	51.366	ng		99
53) 3-Nitroaniline	14.577	138	976248	50.409	ng		94
54) 2,4-Dinitrophenol	14.777	184	249985	50.299	ng		93
55) Dibenzofuran	15.071	168	5695145	50.749	ng		99
56) 4-Nitrophenol	14.866	139	787273	55.948	ng		99
57) 2,4-Dinitrotoluene	15.030	165	1080607	50.389	ng		99
58) Fluorene	15.719	166	5427201	53.875	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.289	232	1075256	55.138	ng		98
60) Diethylphthalate	15.501	149	4762357	55.566	ng		98
61) 4-Chlorophenyl-phenyle...	15.719	204	2703363	54.368	ng		96
62) 4-Nitroaniline	15.736	138	1091415	52.317	ng		98
63) Azobenzene	16.007	77	4472109	49.165	ng		99
65) 4,6-Dinitro-2-methylph...	15.789	198	382039	49.327	ng		97
66) n-Nitrosodiphenylamine	15.930	169	4120082	51.815	ng		100
67) 4-Bromophenyl-phenylether	16.607	248	1394210	52.171	ng		99
68) Hexachlorobenzene	16.718	284	1624472	52.765	ng		98
69) Atrazine	16.877	200	1016037	49.553	ng		99
70) Pentachlorophenol	17.060	266	1012672	48.069	ng		100
71) Phenanthrene	17.460	178	7042469	51.493	ng		99
72) Anthracene	17.548	178	7329468	52.383	ng		100
73) Carbazole	17.818	167	6354124	52.318	ng		99
74) Di-n-butylphthalate	18.389	149	7483209	50.095	ng		99
75) Fluoranthene	19.465	202	7384638	53.853	ng		99
77) Benzidine	19.648	184	980939	49.622	ng		99
78) Pyrene	19.830	202	7758728	53.994	ng		100
80) Butylbenzylphthalate	20.730	149	1169576	62.844	ng		93
81) Benzo(a)anthracene	21.571	228	6854672	51.882	ng		99
82) 3,3'-Dichlorobenzidine	21.506	252	1555714	49.963	ng		100
83) Chrysene	21.630	228	6315715	50.790	ng		100
84) Bis(2-ethylhexyl)phtha...	21.512	149	2842725	50.586	ng		98
85) Di-n-octyl phthalate	22.471	149	3585639	49.306	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.630	276	5151090	51.455	ng		99
88) Benzo(b)fluoranthene	23.300	252	4907591	54.368	ng		100
89) Benzo(k)fluoranthene	23.353	252	5398437	55.168	ng		99
90) Benzo(a)pyrene	23.942	252	4540895	54.127	ng		99
91) Dibenzo(a,h)anthracene	26.647	278	4497527	54.583	ng		98
92) Benzo(g,h,i)perylene	27.418	276	3783881	50.266	ng		99

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

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