Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061323\
Data File : BM040221.D
Acq On : 13 Jun 2023 12:24
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Jun 13 19:00:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 13 18:52:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	438167	20.000	ng	0.00
21) Naphthalene-d8	10.793	136	1934890	20.000	ng	0.00
39) Acenaphthene-d10	14.622	164	1166907	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	2398484	20.000	ng	0.00
76) Chrysene-d12	21.539	240	2301657	20.000	ng	0.00
86) Perylene-d12	23.974	264	2436364	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2201986	77.918	ng	0.00
7) Phenol-d6	7.140	99	3063437	79.509	ng	0.00
23) Nitrobenzene-d5	9.151	82	2964126	80.217	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	1306246	80.244	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	6718399	79.028	ng	0.00
79) Terphenyl-d14	19.980	244	10256580	86.587	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	426748	37.809	ng	100
3) Pyridine	3.799	79	1291655	40.500	ng	100
4) n-Nitrosodimethylamine	3.705	42	565388	39.071	ng	100
6) Aniline	7.305	93	1862691	39.388	ng	100
8) 2-Chlorophenol	7.540	128	1175235	39.079	ng	100
9) Benzaldehyde	7.110	77	799141	37.209	ng	100
10) Phenol	7.169	94	1482187	39.321	ng	100
11) bis(2-Chloroethyl)ether	7.399	93	1209185	38.684	ng	100
12) 1,3-Dichlorobenzene	7.869	146	1190816	38.353	ng	100
13) 1,4-Dichlorobenzene	8.016	146	1212494	38.572	ng	100
14) 1,2-Dichlorobenzene	8.334	146	1194614	38.867	ng	100
15) Benzyl Alcohol	8.222	79	1109040	40.135	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.516	45	1709315	39.594	ng	100
17) 2-Methylphenol	8.422	107	1112292	40.228	ng	100
18) Hexachloroethane	9.063	117	462024	39.840	ng	100
19) n-Nitroso-di-n-propyla...	8.793	70	1071413	41.399	ng	100
20) 3+4-Methylphenols	8.757	107	1539808	40.712	ng	100
22) Acetophenone	8.810	105	1989691	39.506	ng	100
24) Nitrobenzene	9.193	77	1516377	39.984	ng	100
25) Isophorone	9.722	82	2881271	40.132	ng	100
26) 2-Nitrophenol	9.904	139	661913	40.840	ng	100
27) 2,4-Dimethylphenol	9.963	122	1197644	39.739	ng	100
28) bis(2-Chloroethoxy)met...	10.204	93	1771036	39.245	ng	100
29) 2,4-Dichlorophenol	10.440	162	1144067	40.070	ng	100
30) 1,2,4-Trichlorobenzene	10.657	180	1131442	38.886	ng	100
31) Naphthalene	10.845	128	4048637	38.947	ng	100
32) Benzoic acid	10.110	122	877969	38.252	ng	100
33) 4-Chloroaniline	10.957	127	1858494	39.969	ng	100
34) Hexachlorobutadiene	11.128	225	638031	39.007	ng	100
35) Caprolactam	11.751	113	414834	41.692	ng	100
36) 4-Chloro-3-methylphenol	12.075	107	1323777	39.970	ng	100
37) 2-Methylnaphthalene	12.451	142	2865029	38.874	ng	100
38) 1-Methylnaphthalene	12.669	142	2689807	38.642	ng	100
40) 1,2,4,5-Tetrachloroben...	12.816	216	1253455	38.630	ng	100
41) Hexachlorocyclopentadiene	12.798	237	718865	40.274	ng	100
43) 2,4,6-Trichlorophenol	13.057	196	898141	39.915	ng	100

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44) 2,4,5-Trichlorophenol	13.128	196	1063969	39.694	ng	100
46) 1,1'-Biphenyl	13.457	154	3602490	39.113	ng	100
47) 2-Chloronaphthalene	13.498	162	2673514	39.196	ng	100
48) 2-Nitroaniline	13.704	65	929206	41.324	ng	100
49) Acenaphthylene	14.345	152	4540988	39.911	ng	100
50) Dimethylphthalate	14.081	163	3597793	38.746	ng	100
51) 2,6-Dinitrotoluene	14.198	165	763425	40.407	ng	100
52) Acenaphthene	14.686	154	2726359	39.276	ng	100
53) 3-Nitroaniline	14.528	138	919191	40.951	ng	100
54) 2,4-Dinitrophenol	14.728	184	419080	37.866	ng	100
55) Dibenzofuran	15.016	168	4272385	38.909	ng	100
56) 4-Nitrophenol	14.828	139	735728	41.935	ng	100
57) 2,4-Dinitrotoluene	14.981	165	1040752	40.876	ng	100
58) Fluorene	15.663	166	3512759	39.292	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.239	232	867496	39.788	ng	100
60) Diethylphthalate	15.439	149	3770974	39.523	ng	100
61) 4-Chlorophenyl-phenyle...	15.657	204	1748526	39.767	ng	100
62) 4-Nitroaniline	15.692	138	962558	41.734	ng	100
63) Azobenzene	15.951	77	3827592	39.948	ng	100
65) 4,6-Dinitro-2-methylph...	15.745	198	578777	40.249	ng	100
66) n-Nitrosodiphenylamine	15.875	169	3020848	39.912	ng	100
67) 4-Bromophenyl-phenylether	16.551	248	995056	39.629	ng	100
68) Hexachlorobenzene	16.669	284	1084968	39.117	ng	100
69) Atrazine	16.822	200	920204	40.624	ng	100
70) Pentachlorophenol	17.010	266	822497	41.362	ng	100
71) Phenanthrene	17.404	178	5281100	39.569	ng	100
72) Anthracene	17.498	178	5427761	40.274	ng	100
73) Carbazole	17.769	167	5090797	40.148	ng	100
74) Di-n-butylphthalate	18.327	149	6578154	41.826	ng	100
75) Fluoranthene	19.416	202	5906267	39.927	ng	100
77) Benzidine	19.604	184	2146186	50.210	ng	100
78) Pyrene	19.780	202	6293886	39.864	ng	100
80) Butylbenzylphthalate	20.674	149	2987289	41.311	ng	100
81) Benzo(a)anthracene	21.521	228	6308538	40.231	ng	100
82) 3,3'-Dichlorobenzidine	21.457	252	2282415	42.501	ng	100
83) Chrysene	21.580	228	5993729	40.390	ng	100
84) Bis(2-ethylhexyl)phtha...	21.445	149	4566883	41.732	ng	100
85) Di-n-octyl phthalate	22.380	149	7674163	41.983	ng	100
87) Indeno(1,2,3-cd)pyrene	26.515	276	6147078	38.090	ng	100
88) Benzo(b)fluoranthene	23.233	252	5721947	39.236	ng	100
89) Benzo(k)fluoranthene	23.280	252	5934505	39.569	ng	100
90) Benzo(a)pyrene	23.868	252	5422126	39.194	ng	100
91) Dibenzo(a,h)anthracene	26.527	278	5267693	38.382	ng	100
92) Benzo(g,h,i)perylene	27.291	276	4613229	37.556	ng	100

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

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