Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031723\
Data File : BM039029.D
Acq On : 17 Mar 2023 10:50
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Mar 18 01:42:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 05:25:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152	350442	20.000	ng		0.00
21) Naphthalene-d8	10.787	136	1375148	20.000	ng		0.00
39) Acenaphthene-d10	14.616	164	778308	20.000	ng		0.00
64) Phenanthrene-d10	17.363	188	1581716	20.000	ng		0.00
76) Chrysene-d12	21.545	240	1377636	20.000	ng		0.00
86) Perylene-d12	23.980	264	1501347	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1812521	78.579	ng		0.00
7) Phenol-d6	7.134	99	2345008	78.270	ng		0.00
23) Nitrobenzene-d5	9.146	82	2238356	79.955	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	709618	78.813	ng		0.00
45) 2-Fluorobiphenyl	13.245	172	4506035	75.368	ng		0.00
79) Terphenyl-d14	19.980	244	5993148	79.538	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	391723	38.174	ng		98
3) Pyridine	3.805	79	1140186	40.064	ng		98
4) n-Nitrosodimethylamine	3.716	42	463260	40.002	ng		99
6) Aniline	7.299	93	1553403	39.488	ng		98
8) 2-Chlorophenol	7.534	128	956060	38.933	ng		99
9) Benzaldehyde	7.110	77	522286	36.633	ng		99
10) Phenol	7.157	94	1240696	38.995	ng		100
11) bis(2-Chloroethyl)ether	7.399	93	1008204	38.975	ng		99
12) 1,3-Dichlorobenzene	7.863	146	1001826	38.388	ng		99
13) 1,4-Dichlorobenzene	8.010	146	1009497	38.035	ng		98
14) 1,2-Dichlorobenzene	8.328	146	973283	38.069	ng		99
15) Benzyl Alcohol	8.216	79	872639	40.636	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.510	45	1346500	41.216	ng		99
17) 2-Methylphenol	8.416	107	861476	39.416	ng		100
18) Hexachloroethane	9.063	117	385705	39.387	ng		97
19) n-Nitroso-di-n-propyla...	8.793	70	798417	42.309	ng		99
20) 3+4-Methylphenols	8.751	107	1158487	39.697	ng		100
22) Acetophenone	8.804	105	1481306	38.394	ng	#	99
24) Nitrobenzene	9.187	77	1163207	39.532	ng		100
25) Isophorone	9.716	82	2136418	41.470	ng		100
26) 2-Nitrophenol	9.898	139	502279	39.241	ng		99
27) 2,4-Dimethylphenol	9.957	122	884344	39.397	ng		100
28) bis(2-Chloroethoxy)met...	10.198	93	1320781	39.901	ng		100
29) 2,4-Dichlorophenol	10.434	162	840886	39.512	ng		100
30) 1,2,4-Trichlorobenzene	10.651	180	862956	37.107	ng		99
31) Naphthalene	10.840	128	2970806	37.886	ng		99
32) Benzoic acid	10.087	122	661463	41.099	ng		99
33) 4-Chloroaniline	10.951	127	1316193	39.387	ng		99
34) Hexachlorobutadiene	11.128	225	501041	37.570	ng		98
35) Caprolactam	11.740	113	275710	42.566	ng		95
36) 4-Chloro-3-methylphenol	12.069	107	925388	40.835	ng		99
37) 2-Methylnaphthalene	12.445	142	2041162	38.837	ng		99
38) 1-Methylnaphthalene	12.663	142	1916850	38.919	ng		99
40) 1,2,4,5-Tetrachloroben...	12.810	216	916442	36.220	ng		100
41) Hexachlorocyclopentadiene	12.792	237	548227	39.473	ng		98
43) 2,4,6-Trichlorophenol	13.051	196	639614	39.037	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	748160	39.011	ng	99
46) 1,1'-Biphenyl	13.451	154	2493081	37.810	ng	99
47) 2-Chloronaphthalene	13.492	162	1856947	37.348	ng	99
48) 2-Nitroaniline	13.698	65	645653	40.902	ng	99
49) Acenaphthylene	14.339	152	3077784	38.862	ng	100
50) Dimethylphthalate	14.075	163	2381572	39.766	ng	100
51) 2,6-Dinitrotoluene	14.192	165	512231	38.963	ng	97
52) Acenaphthene	14.680	154	1863236	38.281	ng	99
53) 3-Nitroaniline	14.522	138	606325	39.452	ng	96
54) 2,4-Dinitrophenol	14.722	184	297185	41.695	ng	98
55) Dibenzofuran	15.016	168	2901710	38.098	ng	100
56) 4-Nitrophenol	14.816	139	493240	41.468	ng	95
57) 2,4-Dinitrotoluene	14.975	165	686712	39.768	ng	95
58) Fluorene	15.663	166	2330763	39.066	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.233	232	584647	39.528	ng	98
60) Diethylphthalate	15.433	149	2425338	41.620	ng	99
61) 4-Chlorophenyl-phenyle...	15.657	204	1138365	38.838	ng	99
62) 4-Nitroaniline	15.680	138	629012	40.207	ng	99
63) Azobenzene	15.945	77	2604846	42.245	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	396477	39.187	ng	97
66) n-Nitrosodiphenylamine	15.869	169	2009114	37.678	ng	100
67) 4-Bromophenyl-phenylether	16.551	248	653167	38.232	ng	98
68) Hexachlorobenzene	16.663	284	693855	36.330	ng	96
69) Atrazine	16.822	200	604023	41.471	ng	99
70) Pentachlorophenol	17.004	266	540868	38.504	ng	99
71) Phenanthrene	17.404	178	3476700	37.451	ng	100
72) Anthracene	17.492	178	3567332	38.534	ng	100
73) Carbazole	17.763	167	3283170	38.858	ng	99
74) Di-n-butylphthalate	18.327	149	4279464	41.769	ng	100
75) Fluoranthene	19.415	202	3853043	39.310	ng	99
77) Benzidine	19.598	184	1285489	41.654	ng	99
78) Pyrene	19.780	202	4059676	39.235	ng	100
80) Butylbenzylphthalate	20.674	149	1860960	42.692	ng	96
81) Benzo(a)anthracene	21.527	228	3918672	39.499	ng	100
82) 3,3'-Dichlorobenzidine	21.462	252	1322755	43.382	ng	99
83) Chrysene	21.580	228	3722062	38.574	ng	100
84) Bis(2-ethylhexyl)phtha...	21.451	149	2803140	44.269	ng	99
85) Di-n-octyl phthalate	22.392	149	4708435	44.871	ng	99
87) Indeno(1,2,3-cd)pyrene	26.521	276	4444667	38.906	ng	99
88) Benzo(b)fluoranthene	23.239	252	3704242	38.620	ng	100
89) Benzo(k)fluoranthene	23.286	252	3758218	37.650	ng	99
90) Benzo(a)pyrene	23.874	252	3619774	39.213	ng	100
91) Dibenzo(a,h)anthracene	26.544	278	3731658	38.571	ng	98
92) Benzo(g,h,i)perylene	27.309	276	3626202	38.310	ng	98

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

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