Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
Data File : BM040181.D
Acq On : 09 Jun 2023 05:57
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Quant Time: Jun 09 06:31:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 23:25:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.987	152	328578	20.000	ng		0.00
21) Naphthalene-d8	10.804	136	1375701	20.000	ng		0.00
39) Acenaphthene-d10	14.627	164	801262	20.000	ng		0.00
64) Phenanthrene-d10	17.368	188	1665992	20.000	ng		0.00
76) Chrysene-d12	21.545	240	1596580	20.000	ng		0.00
86) Perylene-d12	23.980	264	1697062	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1715715	77.967	ng		0.00
7) Phenol-d6	7.146	99	2266685	75.487	ng		0.00
23) Nitrobenzene-d5	9.157	82	1910261	75.157	ng		0.00
42) 2,4,6-Tribromophenol	16.116	330	1018059	84.448	ng		0.00
45) 2-Fluorobiphenyl	13.257	172	4718193	77.828	ng		0.00
79) Terphenyl-d14	19.986	244	7716007	89.089	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	324022	37.079	ng		98
3) Pyridine	3.805	79	967567	38.603	ng		97
4) n-Nitrosodimethylamine	3.716	42	351301	34.570	ng		91
6) Aniline	7.310	93	1372583	37.769	ng		98
8) 2-Chlorophenol	7.545	128	896554	38.533	ng		98
9) Benzaldehyde	7.122	77	591164	36.971	ng		96
10) Phenol	7.175	94	1101415	37.296	ng		97
11) bis(2-Chloroethyl)ether	7.410	93	879392	36.950	ng		96
12) 1,3-Dichlorobenzene	7.875	146	917954	39.245	ng		97
13) 1,4-Dichlorobenzene	8.022	146	926100	38.749	ng		98
14) 1,2-Dichlorobenzene	8.345	146	897360	38.152	ng		99
15) Benzyl Alcohol	8.228	79	749900	37.842	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.516	45	1044741	34.434	ng		99
17) 2-Methylphenol	8.434	107	792414	37.659	ng		98
18) Hexachloroethane	9.075	117	326493	38.153	ng		94
19) n-Nitroso-di-n-propyla...	8.804	70	670858	36.772	ng		95
20) 3+4-Methylphenols	8.763	107	1087514	37.858	ng		98
22) Acetophenone	8.816	105	1347204	37.499	ng		97
24) Nitrobenzene	9.198	77	959590	36.680	ng		96
25) Isophorone	9.728	82	1897357	39.531	ng		96
26) 2-Nitrophenol	9.910	139	488517	44.939	ng		94
27) 2,4-Dimethylphenol	9.969	122	859048	40.390	ng		98
28) bis(2-Chloroethoxy)met...	10.210	93	1174159	37.894	ng		99
29) 2,4-Dichlorophenol	10.445	162	831885	42.643	ng		98
30) 1,2,4-Trichlorobenzene	10.663	180	824107	41.704	ng		99
31) Naphthalene	10.851	128	2863918	38.650	ng		99
32) Benzoic acid	10.104	122	684371	42.830	ng		94
33) 4-Chloroaniline	10.963	127	1324660	40.140	ng		97
34) Hexachlorobutadiene	11.139	225	438156	42.271	ng		98
35) Caprolactam	11.757	113	300609	44.872	ng	#	86
36) 4-Chloro-3-methylphenol	12.080	107	916215	40.445	ng		91
37) 2-Methylnaphthalene	12.457	142	2057382	40.152	ng		98
38) 1-Methylnaphthalene	12.675	142	1932817	40.000	ng		100
40) 1,2,4,5-Tetrachloroben...	12.822	216	881982	41.520	ng		98
41) Hexachlorocyclopentadiene	12.804	237	477574	43.115	ng		99
43) 2,4,6-Trichlorophenol	13.063	196	647235	44.422	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.133	196	759384	43.177	ng		96
46) 1,1'-Biphenyl	13.463	154	2500746	38.923	ng		99
47) 2-Chloronaphthalene	13.504	162	1886814	39.532	ng		98
48) 2-Nitroaniline	13.710	65	560762	39.185	ng		88
49) Acenaphthylene	14.351	152	3170849	40.069	ng		100
50) Dimethylphthalate	14.086	163	2507494	40.123	ng		100
51) 2,6-Dinitrotoluene	14.204	165	525033	41.918	ng		88
52) Acenaphthene	14.692	154	1909112	39.114	ng		99
53) 3-Nitroaniline	14.533	138	655987	41.978	ng		91
54) 2,4-Dinitrophenol	14.733	184	274591	38.910	ng	#	87
55) Dibenzofuran	15.021	168	2991235	39.177	ng		97
56) 4-Nitrophenol	14.833	139	545221	43.078	ng		88
57) 2,4-Dinitrotoluene	14.986	165	728521	43.583	ng	#	86
58) Fluorene	15.668	166	2495553	39.048	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.245	232	591926	43.044	ng		93
60) Diethylphthalate	15.445	149	2556398	40.316	ng		98
61) 4-Chlorophenyl-phenyle...	15.663	204	1201436	40.218	ng		99
62) 4-Nitroaniline	15.698	138	686563	41.244	ng		92
63) Azobenzene	15.957	77	2248593	36.473	ng		94
65) 4,6-Dinitro-2-methylph...	15.745	198	374218	40.046	ng		94
66) n-Nitrosodiphenylamine	15.880	169	2116935	38.795	ng		98
67) 4-Bromophenyl-phenylether	16.557	248	684168	40.889	ng		98
68) Hexachlorobenzene	16.674	284	797186	41.542	ng		92
69) Atrazine	16.827	200	623063	41.780	ng		98
70) Pentachlorophenol	17.015	266	591473	41.988	ng		99
71) Phenanthrene	17.410	178	3734407	38.471	ng		99
72) Anthracene	17.504	178	3830008	39.549	ng		99
73) Carbazole	17.774	167	3660126	39.624	ng		99
74) Di-n-butylphthalate	18.333	149	4488421	43.326	ng		99
75) Fluoranthene	19.421	202	4341295	42.144	ng		99
77) Benzidine	19.604	184	1575295	52.537	ng		100
78) Pyrene	19.786	202	4554495	42.780	ng		99
80) Butylbenzylphthalate	20.680	149	2133664	49.584	ng		89
81) Benzo(a)anthracene	21.533	228	4589603	42.155	ng		99
82) 3,3'-Dichlorobenzidine	21.462	252	1760004	48.641	ng		98
83) Chrysene	21.586	228	4277094	41.470	ng		99
84) Bis(2-ethylhexyl)phtha...	21.450	149	3142322	49.449	ng		98
85) Di-n-octyl phthalate	22.386	149	5404751	52.375	ng		96
87) Indeno(1,2,3-cd)pyrene	26.527	276	4904160	38.541	ng		98
88) Benzo(b)fluoranthene	23.239	252	4314574	41.978	ng		99
89) Benzo(k)fluoranthene	23.291	252	4469631	41.608	ng		99
90) Benzo(a)pyrene	23.874	252	4102258	41.794	ng		99
91) Dibenzo(a,h)anthracene	26.538	278	4150897	37.788	ng		99
92) Benzo(g,h,i)perylene	27.309	276	3568557	37.819	ng		98

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

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