Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062220\
Data File : BM026493.D
Acq On : 22 Jun 2020 16:44
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 22 17:17:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 10:20:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	108297	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	482907	20.00	ng		0.00
39) Acenaphthene-d10	14.04	164	315224	20.00	ng		0.00
64) Phenanthrene-d10	16.80	188	677063	20.00	ng		0.00
76) Chrysene-d12	21.02	240	639915	20.00	ng		0.00
86) Perylene-d12	23.10	264	528849	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	472664	77.17	ng		0.00
7) Phenol-d6	6.59	99	703431	79.31	ng		0.00
23) Nitrobenzene-d5	8.53	82	794543	80.79	ng		0.00
42) 2,4,6-Tribromophenol	15.55	330	311714	81.63	ng		0.00
45) 2-Fluorobiphenyl	12.65	172	1672329	80.53	ng		0.00
79) Terphenyl-d14	19.46	244	2789003	84.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	113083	40.948	ng		93
3) Pyridine	3.38	79	306688	37.810	ng		96
4) n-Nitrosodimethylamine	3.30	42	178806	44.523	ng		84
6) Aniline	6.73	93	462749	39.775	ng		97
8) 2-Chlorophenol	6.96	128	282514	39.987	ng		98
9) Benzaldehyde	6.55	77	186019	32.891	ng		99
10) Phenol	6.62	94	372846	39.472	ng		91
11) bis(2-Chloroethyl)ether	6.83	93	306079	40.230	ng		97
12) 1,3-Dichlorobenzene	7.27	146	312519	39.953	ng		97
13) 1,4-Dichlorobenzene	7.42	146	316870	39.770	ng		98
14) 1,2-Dichlorobenzene	7.73	146	309890	39.817	ng		97
15) Benzyl Alcohol	7.64	79	310637	41.243	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.93	45	598676	42.133	ng		99
17) 2-Methylphenol	7.85	107	277255	40.160	ng		96
18) Hexachloroethane	8.44	117	127019	42.095	ng		95
19) n-Nitroso-di-n-propylamine	8.20	70	296157	42.848	ng		95
20) 3+4-Methylphenols	8.17	107	383064	40.710	ng		97
22) Acetophenone	8.20	105	498092	40.113	ng	#	92
24) Nitrobenzene	8.57	77	414922	40.300	ng		99
25) Isophorone	9.10	82	752171	40.708	ng		99
26) 2-Nitrophenol	9.27	139	163491	40.124	ng		92
27) 2,4-Dimethylphenol	9.36	122	254092	39.501	ng		94
28) bis(2-Chloroethoxy)methane	9.59	93	416479	39.729	ng		99
29) 2,4-Dichlorophenol	9.81	162	284539	40.316	ng		97
30) 1,2,4-Trichlorobenzene	10.02	180	311000	40.185	ng		99
31) Naphthalene	10.19	128	950466	39.057	ng		99
32) Benzoic acid	9.55	122	175574	35.455	ng		95
33) 4-Chloroaniline	10.32	127	412795	38.892	ng		98
34) Hexachlorobutadiene	10.49	225	206002	42.164	ng		98
35) Caprolactam	11.12	113	98805	39.848	ng		92
36) 4-Chloro-3-methylphenol	11.46	107	347232	40.376	ng		98
37) 2-Methylnaphthalene	11.82	142	689071	39.736	ng		98
38) 1-Methylnaphthalene	12.04	142	660557	40.211	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.20	216	360085	40.129	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.18	237	188756	35.696	ng		99
43) 2,4,6-Trichlorophenol	12.46	196	243457	40.085	ng		96
44) 2,4,5-Trichlorophenol	12.53	196	279391	39.631	ng		99
46) 1,1'-Biphenyl	12.86	154	871690	39.443	ng		99
47) 2-Chloronaphthalene	12.90	162	713252	39.734	ng		99
48) 2-Nitroaniline	13.12	65	286436	40.262	ng		96
49) Acenaphthylene	13.76	152	1128912	39.320	ng		100
50) Dimethylphthalate	13.52	163	921749	39.978	ng		98
51) 2,6-Dinitrotoluene	13.64	165	201778	39.882	ng		96
52) Acenaphthene	14.11	154	677908	39.331	ng		99
53) 3-Nitroaniline	13.97	138	214045	37.992	ng		98
54) 2,4-Dinitrophenol	14.19	184	117208	38.118	ng		97
55) Dibenzofuran	14.44	168	1101456	39.661	ng		99
56) 4-Nitrophenol	14.30	139	157336	35.216	ng		95
57) 2,4-Dinitrotoluene	14.44	165	284914	40.502	ng	#	88
58) Fluorene	15.10	166	906679	40.194	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.69	232	239666	39.745	ng		98
60) Diethylphthalate	14.90	149	957865	40.788	ng		99
61) 4-Chlorophenyl-phenylether	15.11	204	489013	40.871	ng		98
62) 4-Nitroaniline	15.14	138	223106	37.133	ng		93
63) Azobenzene	15.40	77	1064148	41.415	ng		97
65) 4,6-Dinitro-2-methylphenol	15.21	198	166280	40.387	ng		97
66) n-Nitrosodiphenylamine	15.33	169	786638	40.106	ng		98
67) 4-Bromophenyl-phenylether	16.00	248	302060	40.527	ng		98
68) Hexachlorobenzene	16.11	284	316825	40.737	ng		97
69) Atrazine	16.30	200	231895	39.574	ng		98
70) Pentachlorophenol	16.46	266	180843	38.612	ng		98
71) Phenanthrene	16.84	178	1418416	40.229	ng		100
72) Anthracene	16.93	178	1419328	40.334	ng		100
73) Carbazole	17.21	167	1322691	39.637	ng		99
74) Di-n-butylphthalate	17.80	149	1678630	42.655	ng		100
75) Fluoranthene	18.87	202	1644069	40.671	ng		99
77) Benzidine	19.07	184	470033	35.362	ng		100
78) Pyrene	19.23	202	1699262	40.189	ng		100
80) Butylbenzylphthalate	20.17	149	733111	42.877	ng		97
81) Benzo(a)anthracene	21.00	228	1537025	40.016	ng		99
82) 3,3'-Dichlorobenzidine	20.94	252	485510	40.855	ng		100
83) Chrysene	21.05	228	1484151	40.547	ng		99
84) Bis(2-ethylhexyl)phthalate	20.96	149	1078222	44.226	ng		99
85) Di-n-octyl phthalate	21.81	149	1639484	43.593	ng		98
87) Indeno(1,2,3-cd)pyrene	25.14	276	1238885	40.497	ng		99
88) Benzo(b)fluoranthene	22.49	252	1284056	40.362	ng		99
89) Benzo(k)fluoranthene	22.53	252	1267778	41.019	ng		99
90) Benzo(a)pyrene	23.01	252	1130770	40.020	ng		99
91) Dibenzo(a,h)anthracene	25.14	278	1044994	40.917	ng		99
92) Benzo(g,h,i)perylene	25.75	276	988320	40.666	ng		99

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

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